Martin

INDUSTRIAL HAND TOOLS

- Body and Fender Tools
- C-Clamps
- Chisels and Punches
- Crank Handles
- Eye Bolts
- Hammers
- Pipe Wrench
- Pliers
- Pry Bars
- Screwdrivers
- Sockets
- Tool Boards
- Tool Sets
- Wrenches

Limited Warranty and Additional Terms & Conditions

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SHIPMENTS: If Seller is not able to meet Purchaser's shipment requirements and/or expected dates of shipment, Seller will not accept liability for delays beyond Seller's control, nor will Seller accept cancellations unless a settlement has been agreed upon between all parties.

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PUBLISHED DIMENSIONAL DATA: Due to changes in engineering and manufacturing processes and procedures, it becomes necessary, from time to time, to make alterations to products. Such alterations may not be reflected in supplier's publications. Therefore, if dimensions, specifications or appearances represented by pictures or drawings or tables are critical in their applications, please consult the factory for clarification or certified drawings.

INDUSTRIAL HAND TOOLS

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Combination Wrenches

American Alloy Steel

Drop Forged

Long Pattern

15° Angle & 12 Point Box

Versatile, General Purpose Wrench in a Complete Range of Openings, ¼" through 3½"

Chrome and Industrial Black Finish

Wrench Opening	Open End		Box End		Overall Length	Weight Each (lb)	Part Number		Std. Pkg. Qty.	Wrench Opening
	Diameter A	Thickness B	Diameter C	Thickness D	E		Chrome	Industrial Black		
1/4	19/32	5/32	7/16	7/32	5	.04	1158	BLK1158	6	1/4
5/16	11/16	3/16	33/64	1/4	5-1/2	.05	1159	BLK1159	6	5/16
11/32	11/16	3/16	33/64	1/4	5-1/2	.05	1159A	BLK1159A	6	11/32
3/8	13/16	3/16	19/32	9/32	6	.08	1160	BLK1160	6	3/8
7/16	15/16	7/32	11/16	5/16	6-1/2	.13	1161	BLK1161	6	7/16
1/2	1-1/16	1/4	25/32	11/32	7-1/8	.17	1162	BLK1162	6	1/2
9/16	1-3/16	9/32	55/64	3/8	7-3/4	.25	1163	BLK1163	6	9/16
5/8	1-5/16	9/32	15/16	13/32	8-1/2	.30	1164	BLK1164	6	5/8
11/16	1-7/16	5/16	1-1/32	7/16	9-1/4	.38	1165	BLK1165	6	11/16
3/4	1-9/16	11/32	1-1/8	15/32	10-1/8	.43	1166	BLK1166	6	3/4
13/16	1-11/16	23/64	1-3/64	1/2	11	.55	1167A	BLK1167A	6	13/16
7/8	1-13/16	3/8	1-9/32	17/32	12	.64	1167	BLK1167	6	7/8
15/16	1-15/16	13/32	1-3/8	9/16	13	.77	1168	BLK1168	6	15/16
1	2-1/16	13/32	1-15/32	19/32	14	.92	1170	BLK1170	6	1
1-1/16	2-3/16	7/16	1-9/16	5/8	15	1.07	1171	BLK1171	6	1-1/16
1-1/8	2-5/16	15/32	1-41/64	21/32	16-1/8	1.37	1172	BLK1172	6	1-1/8
1-3/16	2-9/16	1/2	1-13/16	23/32	17-3/16	1.37	1172A	BLK1172A	6	1-3/16
1-1/4	2-9/16	1/2	1-13/16	23/32	17-3/16	1.8	1173	BLK1173	1	1-1/4
1-5/16	2-11/16	17/32	1-7/8	3/4	18	2.1	1174	BLK1174	1	1-5/16
1-3/8	2-13/16	9/16	1-31/32	25/32	18-3/4	2.1	1175	BLK1175	1	1-3/8
1-7/16	2-15/16	19/32	2-1/16	13/16	19-1/2	3.6	1176	BLK1176	1	1-7/16
1-1/2	3-1/16	5/8	2-5/32	27/32	20-1/2	3.4	1177	BLK1177	1	1-1/2
1-9/16	3-5/16	21/32	2-11/32	7/8	21-1/2	3.4	1178A	BLK1178A	1	1-9/16
1-5/8	3-5/16	21/32	2-11/32	7/8	21-1/2	4.5	1180	BLK1180	1	1-5/8
1-11/16	3-7/16	11/16	2-7/16	29/32	22-1/2	4.5	1182	BLK1182	1	1-11/16
1-3/4	3-11/16	23/32	2-5/8	31/32	24	7.1	1184	BLK1184	1	1-3/4
1-13/16	3-11/16	23/32	2-5/8	31/32	24	7.0	1186	BLK1186	1	1-13/16
1-7/8	4-1/16	25/32	2-7/8	1-1/16	25-3/4	6.9	1188	BLK1188	1	1-7/8
1-15/16	4-1/16	25/32	2-7/8	1-1/16	25-3/4	6.8	1189	BLK1189	1	1-15/16
2	4-1/16	25/32	2-7/8	1-1/16	25-3/4	6.8	1190	BLK1190	1	2
2-1/16	4-9/32	13/16	3-1/16	1-1/8	27-1/2	8.3	1191	BLK1191	1	2-1/16
2-1/8	4-9/32	13/16	3-1/16	1-1/8	27-1/2	8.2	1192	BLK1192	1	2-1/8
2-3/16	4-17/32	7/8	3-7/32	1-3/16	29-1/4	7.9	1193	BLK1193	1	2-3/16
2-1/4	4-17/32	7/8	3-7/32	1-3/16	29-1/4	7.7	1194	BLK1194	1	2-1/4
2-3/8	5	31/32	3-17/32	1-5/16	31	12.1	1195	BLK1195	1	2-3/8
2-1/2	5	31/32	3-17/32	1-5/16	31	11.7	1196	BLK1196	1	2-1/2
2 -9/16	6-1/2	1-1/8	2-1/2	1-1/2	31-3/4	12.53	1197	BLK1197	1	2 -9/16
2-5/8	6-1/2	1-1/8	2-1/2	1-1/2	31-3/4	12.53	1197A	BLK1197A	1	2-5/8
2-3/4	6-1/2	1-1/8	2-1/2	1-1/2	31-3/4	12.53	1197B	BLK1197B	1	2-3/4
2-7/8	6-1/2	1-1/8	2-1/2	1-1/2	31-3/4	12.53	1198	BLK1198	1	2-7/8
2-15/16	6-1/2	1-1/8	2-1/2	1-1/2	31-3/4	12.53	1198A	BLK1198A	1	2-15/16
3	6-1/2	1-1/8	2-1/2	1-1/2	31-3/4	12.53	1198B	BLK1198B	1	3
3-1/8	6-1/2	1-1/8	2-1/2	1-1/2	31-3/4	12.53	1199	BLK1199	1	3-1/8
3-3/8	6-1/2	1-1/8	2-1/2	1-1/2	31-3/4	12.53	1199A	BLK1199A	1	3-3/8
3-1/2	6-1/2	1-1/8	2-1/2	1-1/2	31-3/4	12.53	1199B	BLK1199B	1	3-1/2

Combination Wrench Sets

Convenient Sets Provide Popular Wrench Sizes Ranging from 3/8" through 2" Openings.

Sets are Available in 4 Sizes: 5, 7, 11 and 14 Wrenches, Packaged in a Handcrafted Fabric and Vinyl Roll Up Kit.

Chrome Sets

C7K

OPENING	PART NO.
3/8	1160
7/16	1161
1/2	1162
9/16	1163
5/8	1164
11/16	1165
3/4	1166
Kit Bag	C187

C11K

OPENING	PART NO.
3/8	1160
7/16	1161
1/2	1162
9/16	1163
5/8	1164
11/16	1165
3/4	1166
13/16	1167A
7/8	1167
15/16	1168
1	1170
Kit Bag	C110

C14K

OPENING	PART NO.
3/8	1160
7/16	1161
1/2	1162
9/16	1163
5/8	1164
11/16	1165
3/4	1166
13/16	1167A
7/8	1167
15/16	1168
1	1170
1-1/16	1171
1-1/8	1172
1-1/4	1173
Kit Bag	C140

HC5K

OPENING	PART NO.
1-1/4	1173
1-7/16	1176
1-5/8	1180
1-13/16	1186
2	1190
Kit Bag	C55

Industrial Black Sets

CB7K

OPENING	PART NO.
3/8	BLK1160
7/16	BLK1161
1/2	BLK1162
9/16	BLK1163
5/8	BLK1164
11/16	BLK1165
3/4	BLK1166
Kit Bag	C187

CB11K

OPENING	PART NO.
3/8	BLK1160
7/16	BLK1161
1/2	BLK1162
9/16	BLK1163
5/8	BLK1164
11/16	BLK1165
3/4	BLK1166
13/16	BLK1167A
7/8	BLK1167
15/16	BLK1168
1	BLK1170
Kit Bag	C110

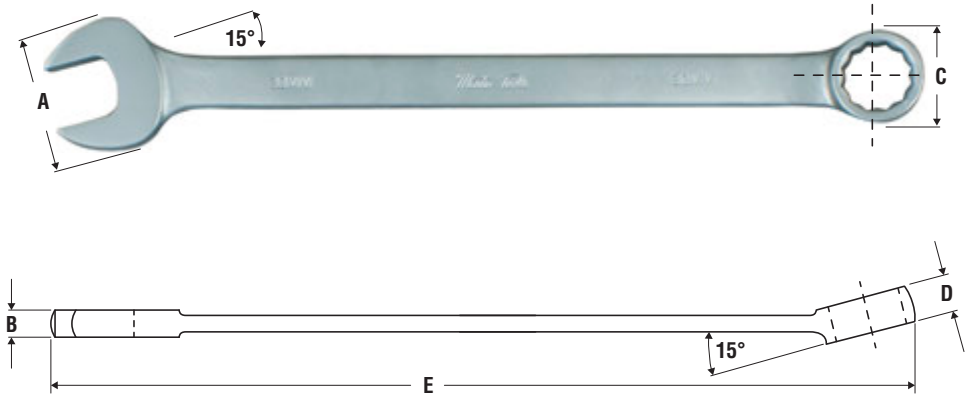
CB14K

OPENING	PART NO.
3/8	BLK1160
7/16	BLK1161
1/2	BLK1162
9/16	BLK1163
5/8	BLK1164
11/16	BLK1165
3/4	BLK1166
13/16	BLK1167A
7/8	BLK1167
15/16	BLK1168
1	BLK1170
1-1/16	BLK1171
1-1/8	BLK1172
1-1/4	BLK1173
Kit Bag	C140

HCB5K

OPENING	PART NO.
1-1/4	BLK1173
1-7/16	BLK1176
1-5/8	BLK1180
1-13/16	BLK1186
2	BLK1190
Kit Bag	C55

Combination Wrenches – Metric



American Alloy Steel

Drop Forged

Long Pattern

15° Angle

12 Point Box

Versatile, General Purpose Wrench in a Complete Range of Openings, 6 mm through 60 mm

Chrome and Industrial Black Finish

Wrench Opening	Open End		Box End		Overall Length	Weight Each (lb)	Part Number		Std. Pkg. Qty.	Wrench Opening
	Diameter A	Thickness B	Diameter C	Thickness D	E		Chrome	Industrial Black		
6 mm	15.0 mm	4.1 mm	11.2 mm	5.6 mm	127.0 mm	.04	1106MM	BLK1106MM	6	6 mm
7 mm	15.0 mm	4.1 mm	11.2 mm	5.6 mm	127.0 mm	.05	1107MM	BLK1107MM	6	7 mm
8 mm	17.5 mm	4.8 mm	13.2 mm	6.4 mm	139.7 mm	.05	1108MM	BLK1108MM	6	8 mm
9 mm	20.8 mm	5.6 mm	15.7 mm	7.4 mm	152.4 mm	.08	1109MM	BLK1109MM	6	9 mm
10 mm	24.1 mm	6.4 mm	17.8 mm	8.1 mm	165.1 mm	.13	1110MM	BLK1110MM	6	10 mm
11 mm	24.1 mm	6.4 mm	17.8 mm	8.1 mm	165.1 mm	.13	1111MM	BLK1111MM	6	11 mm
12 mm	26.9 mm	6.9 mm	20.3 mm	9.1 mm	180.8 mm	.17	1112MM	BLK1112MM	6	12 mm
13 mm	26.9 mm	6.9 mm	20.3 mm	9.1 mm	180.8 mm	.17	1113MM	BLK1113MM	6	13 mm
14 mm	30.2 mm	7.6 mm	22.1 mm	9.7 mm	196.9 mm	.25	1114MM	BLK1114MM	6	14 mm
15 mm	33.3 mm	8.1 mm	24.1 mm	10.9 mm	215.9 mm	.30	1115MM	BLK1115MM	6	15 mm
16 mm	33.3 mm	8.1 mm	24.1 mm	10.9 mm	215.9 mm	.30	1116MM	BLK1116MM	6	16 mm
17 mm	38.9 mm	8.9 mm	26.4 mm	11.7 mm	235.0 mm	.38	1117MM	BLK1117MM	6	17 mm
18 mm	38.9 mm	8.9 mm	26.4 mm	11.7 mm	235.0 mm	.38	1118MM	BLK1118MM	6	18 mm
19 mm	39.6 mm	9.4 mm	28.7 mm	12.7 mm	257.0 mm	.43	1119MM	BLK1119MM	6	19 mm
20 mm	42.9 mm	10.2 mm	31.0 mm	13.5 mm	279.4 mm	.55	1120MM	BLK1120MM	6	20 mm
21 mm	42.9 mm	10.2 mm	31.0 mm	13.5 mm	279.4 mm	.55	1121MM	BLK1121MM	6	21 mm
22 mm	46.0 mm	10.7 mm	33.0 mm	14.2 mm	304.8 mm	.64	1122MM	BLK1122MM	6	22 mm
23 mm	49.3 mm	11.4 mm	35.1 mm	15.0 mm	330.2 mm	.77	1123MM	BLK1123MM	6	23 mm
24 mm	49.3 mm	11.4 mm	35.1 mm	15.0 mm	330.2 mm	.77	1124MM	BLK1124MM	6	24 mm
25 mm	52.3 mm	10.4 mm	37.3 mm	15.0 mm	355.6 mm	.92	1125MM	BLK1125MM	6	25 mm
26 mm	55.6 mm	11.2 mm	39.6 mm	15.7 mm	381.0 mm	1.07	1126MM	BLK1126MM	6	26 mm
27 mm	55.6 mm	11.2 mm	39.6 mm	15.7 mm	381.0 mm	1.07	1127MM	BLK1127MM	1	27 mm
28 mm	58.9 mm	13.5 mm	41.7 mm	17.5 mm	409.4 mm	1.40	1128MM	BLK1128MM	1	28 mm
29 mm	58.9 mm	13.5 mm	41.7 mm	17.5 mm	409.4 mm	1.34	1129MM	BLK1129MM	1	29 mm
30 mm	65.5 mm	14.7 mm	46.0 mm	19.1 mm	436.6 mm	1.80	1130MM	BLK1130MM	1	30 mm
32 mm	68.3 mm	13.5 mm	47.8 mm	19.1 mm	457.2 mm	1.80	1132MM	BLK1132MM	1	32 mm
34 mm	71.4 mm	14.2 mm	50.0 mm	19.8 mm	476.3 mm	2.10	1134MM	BLK1134MM	1	34 mm
36 mm	74.7 mm	15.0 mm	52.3 mm	20.6 mm	495.3 mm	3.60	1136MM	BLK1136MM	1	36 mm
41 mm	84.1 mm	16.8 mm	59.4 mm	22.4 mm	546.1 mm	4.50	1141MM	BLK1141MM	1	41 mm
46 mm	93.7 mm	18.3 mm	66.5 mm	24.6 mm	609.6 mm	7.00	1146MM	BLK1146MM	1	46 mm
50 mm	103.1 mm	19.8 mm	73.2 mm	26.9 mm	654.1 mm	6.80	1150MM	BLK1150MM	1	50 mm
55 mm	115.1mm	22.4 mm	81.8 mm	30.2 mm	743.0 mm	7.90	1155MM	BLK1155MM	1	55 mm
60 mm	127.0 mm	24.6 mm	89.7 mm	33.3 mm	787.4 mm	12.10	1160MM	BLK1160MM	1	60 mm

Combination Wrench Sets – Metric

Convenient Sets Provide Popular Wrench Sizes Ranging from 7 mm through 32 mm Openings.

Sets are Available in 5 Sizes: 7, 9, 11, 15 and 18 Wrenches, Packaged in a Handcrafted Fabric and Vinyl Roll Up Kit.

Chrome Sets

C7KM

OPENING	PART NO.
11 mm	1111MM
12 mm	1112MM
13 mm	1113MM
14 mm	1114MM
16 mm	1116MM
17 mm	1117MM
19 mm	1119MM
KIT BAG	C187

C9KM

OPENING	PART NO.
7 mm	1107MM
8 mm	1108MM
9 mm	1109MM
10 mm	1110MM
11 mm	1111MM
12 mm	1112MM
13 mm	1113MM
14 mm	1114MM
15 mm	1115MM
KIT BAG	C90

C11KM

OPENING	PART NO.
7 mm	1107MM
8 mm	1108MM
9 mm	1109MM
10 mm	1110MM
11 mm	1111MM
12 mm	1112MM
13 mm	1113MM
14 mm	1114MM
15 mm	1115MM
16 mm	1116MM
17 mm	1117MM
KIT BAG	C111

C15KM

OPENING	PART NO.
7 mm	1107MM
8 mm	1108MM
10 mm	1110MM
12 mm	1112MM
14 mm	1114MM
16 mm	1116MM
18 mm	1118MM
20 mm	1120MM
22 mm	1122MM
24 mm	1124MM
26 mm	1126MM
28 mm	1128MM
29 mm	1129MM
30 mm	1130MM
32 mm	1132MM
KIT BAG	C150

C18KM

OPENING	PART NO.
7 mm	1107MM
8 mm	1108MM
9 mm	1109MM
10 mm	1110MM
11 mm	1111MM
12 mm	1112MM
13 mm	1113MM
14 mm	1114MM
15 mm	1115MM
16 mm	1116MM
17 mm	1117MM
18 mm	1118MM
19 mm	1119MM
20 mm	1120MM
21 mm	1121MM
22 mm	1122MM
23 mm	1123MM
24 mm	1124MM
KIT BAG	C180

Industrial Black Set

CB7KM

OPENING	PART NO.
11 mm	BLK1111MM
12 mm	BLK1112MM
13 mm	BLK1113MM
14 mm	BLK1114MM
16 mm	BLK1116MM
17 mm	BLK1117MM
19 mm	BLK1119MM
Kit Bag	C187

CB9KM

OPENING	PART NO.
7 mm	BLK1107MM
8 mm	BLK1108MM
9 mm	BLK1109MM
10 mm	BLK1110MM
11 mm	BLK1111MM
12 mm	BLK1112MM
13 mm	BLK1113MM
14 mm	BLK1114MM
15 mm	BLK1115MM
Kit Bag	C90

CB11KM

OPENING	PART NO.
7 mm	BLK1107MM
8 mm	BLK1108MM
9 mm	BLK1109MM
10 mm	BLK1110MM
11 mm	BLK1111MM
12 mm	BLK1112MM
13 mm	BLK1113MM
14 mm	BLK1114MM
15 mm	BLK1115MM
16 mm	BLK1116MM
17 mm	BLK1117MM
Kit Bag	C111

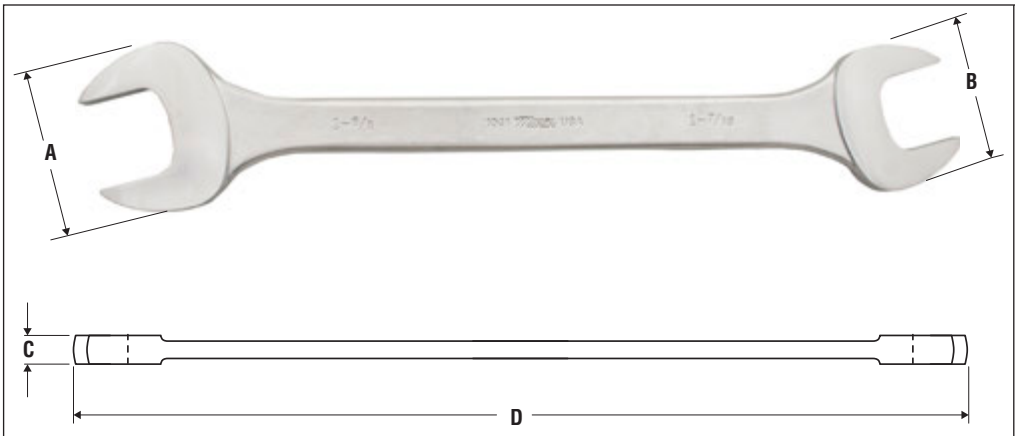
CB15KM

OPENING	PART NO.
7 mm	BLK1107MM
8 mm	BLK1108MM
10 mm	BLK1110MM
12 mm	BLK1112MM
14 mm	BLK1114MM
16 mm	BLK1116MM
18 mm	BLK1118MM
20 mm	BLK1120MM
22 mm	BLK1122MM
24 mm	BLK1124MM
26 mm	BLK1126MM
28 mm	BLK1128MM
29 mm	BLK1129MM
30 mm	BLK1130MM
32 mm	BLK1132MM
Kit Bag	C150

CB18KM

OPENING	PART NO.
7 mm	BLK1107MM
8 mm	BLK1108MM
9 mm	BLK1109MM
10 mm	BLK1110MM
11 mm	BLK1111MM
12 mm	BLK1112MM
13 mm	BLK1113MM
14 mm	BLK1114MM
15 mm	BLK1115MM
16 mm	BLK1116MM
17 mm	BLK1117MM
18 mm	BLK1118MM
19 mm	BLK1119MM
20 mm	BLK1120MM
21 mm	BLK1121MM
22 mm	BLK1122MM
23 mm	BLK1123MM
24 mm	BLK1124MM
Kit Bag	C180

Double Head
Open End Wrenches



American Alloy Steel

Drop Forged

15° Angle

Comfortable Grip

Chrome and Industrial Black

Wrench Opening	Diameter of Head	Thickness of Head	Length	Weight Each	Chrome	Std. Pkg.	Industrial Black	Std. Pkg.	Wrench Opening
	A × B	C	D	(lb)	Part Number	Qty.	Part Number	Qty.	
1/4 × 5/16	11/16 × 13/16	3/16	4	.03	1020	6	BLK1020	6	1/4 × 5/16
5/16 × 11/32	11/16 × 13/16	3/16	4	.04	1720	6	BLK1720	6	5/16 × 11/32
5/16 × 3/8	11/16 × 13/16	3/16	4	.04	1721	6	BLK1721	6	5/16 × 3/8
5/16 × 13/32	11/16 × 13/16	3/16	4	.04	1021	6	BLK1021	6	5/16 × 13/32
3/8 × 7/16	3/4 × 29/32	13/64	4-7/8	.06	1723	6	BLK1723	6	3/8 × 7/16
3/8 × 1/2	3/4 × 29/32	13/64	4-7/8	.06	1723A	6	BLK1723A	6	3/8 × 1/2
7/16 × 1/2	29/32 × 1-1/8	1/4	5-1/2	.13	1725	6	BLK1725	6	7/16 × 1/2
7/16 × 9/16	29/32 × 1-1/8	1/4	5-1/2	.13	1725A	6	BLK1725A	6	7/16 × 9/16
1/2 × 9/16	1-1/16 × 1-1/8	1/4	6-1/8	.19	1725B	6	BLK1725B	6	1/2 × 9/16
1/2 × 5/8	1-1/4 × 1-3/8	1/4	6-1/8	.19	1726	6	BLK1726	6	1/2 × 5/8
9/16 × 5/8	1-1/8 × 1-1/4	17/64	6-3/4	.20	1727	6	BLK1727	6	9/16 × 5/8
9/16 × 11/16	1-3/16 × 1-7/16	19/64	7-1/2	.27	1027C	6	BLK1027C	6	9/16 × 11/16
19/32 × 11/16	1-3/16 × 1-7/16	19/64	7-1/2	.27	1027	6	BLK1027	6	19/32 × 11/16
5/8 × 11/16	1-3/16 × 1-7/16	19/64	7-1/2	.27	1027B	6	BLK1027B	6	5/8 × 11/16
9/16 × 3/4	1-5/16 × 1-7/16	19/64	7-1/2	.27	1728	6	BLK1728	6	9/16 × 3/4
5/8 × 3/4	1-5/16 × 1-5/8	5/16	8-1/2	.41	1729	6	BLK1729	6	5/8 × 3/4
11/16 × 3/4	1-5/16 × 1-5/8	5/16	8-1/2	.41	1029B	6	BLK1029B	6	11/16 × 3/4
11/16 × 25/32	1-5/16 × 1-5/8	5/16	8-1/2	.41	1029	6	BLK1029	6	11/16 × 25/32
11/16 × 13/16	1-5/16 × 1-5/8	5/16	8-1/2	.40	1029C	6	BLK1029C	6	11/16 × 13/16
11/16 × 7/8	1-5/16 × 1-5/8	5/16	8-1/2	.40	1030	6	BLK1030	6	11/16 × 7/8
3/4 × 13/16	1-5/8 × 1-3/4	11/32	9-5/8	.50	1731	6	BLK1731	6	3/4 × 13/16
3/4 × 7/8	1-5/8 × 1-3/4	11/32	9-5/8	.50	1731A	6	BLK1731A	6	3/4 × 7/8
13/16 × 7/8	1-5/8 × 1-3/4	11/32	9-5/8	.50	1731B	6	BLK1731B	6	13/16 × 7/8
7/8 × 15/16	1-13/16 × 1-15/16	3/8	10-1/2	.75	1033A	6	BLK1033A	6	7/8 × 15/16
7/8 × 1	1-13/16 × 1-15/16	3/8	10-1/2	.72	1733	6	BLK1733	6	7/8 × 1
15/16 × 1	1-7/8 × 2-1/8	7/16	11-1/2	1.05	1033C	6	BLK1033C	6	15/16 × 1
7/8 × 1-1/16	1-7/8 × 2-1/8	7/16	11-1/2	1.03	1034	6	BLK1034	6	7/8 × 1-1/16
15/16 × 1-1/16	1-7/8 × 2-1/8	7/16	11-1/2	1.01	1034A	6	BLK1034A	6	15/16 × 1-1/16
1 × 1-1/8	2-1/8 × 2-1/4	7/16	12-1/2	1.18	1735	6	BLK1735	6	1 × 1-1/8
1-1/16 × 1-1/8	2-1/8 × 2-1/4	7/16	12-1/2	1.16	1036B	6	BLK1036B	6	1-1/16 × 1-1/8
1-1/16 × 1-1/4	2-1/4 × 2-5/8	1/2	13-1/2	1.6	1037	6	BLK1037	6	1-1/16 × 1-1/4
1-1/8 × 1-1/4	2-1/4 × 2-5/8	1/2	13-1/2	1.6	1737	6	BLK1737	6	1-1/8 × 1-1/4
1-1/8 × 1-5/16	2-1/4 × 2-5/8	1/2	13-1/2	1.6	1037A	6	BLK1037A	6	1-1/8 × 1-5/16
1-1/4 × 1-5/16	2-3/4 × 2-7/8	9/16	15-1/4	2.1	1039B	6	BLK1039B	1	1-1/4 × 1-5/16
1-1/4 × 1-7/16	2-3/4 × 2-7/8	9/16	15-1/4	2.1	1039	6	BLK1039	1	1-1/4 × 1-7/16
1-5/16 × 1-1/2	2-3/4 × 2-7/8	9/16	15-1/4	2.1	1039A	6	BLK1039A	1	1-5/16 × 1-1/2
1-3/8 × 1-7/16	2-3/4 × 2-7/8	9/16	15-1/4	2.0	1039C	6	BLK1039C	1	1-3/8 × 1-7/16
1-1/4 × 1-5/8	2-3/4 × 2-7/8	9/16	15-1/4	2.0	1040	6	BLK1040	1	1-1/4 × 1-5/8
1-7/16 × 1-5/8	2-3/4 × 3-1/4	5/8	17	3.1	1041	1	BLK1041	1	1-7/16 × 1-5/8
1-1/2 × 1-5/8	2-3/4 × 3-1/4	5/8	17	3.1	1041B	1	BLK1041B	1	1-1/2 × 1-5/8
1-11/16 × 1-7/8	3-3/4 × 4-1/8	7/8	19-1/2	7.2	—	—	BLK44A	1	1-11/16 × 1-7/8
1-13/16 × 2	3-3/4 × 41/8	7/8	19-1/2	6.9	—	—	BLK45	1	1-13/16 × 2
2-3/16 × 2-3/8	4-13/16 × 4-7/8	1-1/8	23	11.8	—	—	BLK49	1	2-3/16 × 2-3/8
2-1/4 × 2-7/16	4-13/16 × 4-7/8	1-1/8	23	11.7	—	—	BLK49A	1	2-1/4 × 2-7/16

Double Head Open End Wrench Sets

6 Sets of Popular Sizes Provide a Wide Range of Openings in Chrome or Industrial Black Finish.

Chrome Sets

OE6K

OPENING	PART NO.
3/8 × 7/16	1723
1/2 × 9/16	1725B
5/8 × 11/16	1027B
3/4 × 13/16	1731
7/8 × 15/16	1033A
1 × 1-1/8	1735
Kit Bag	C60B

OE8K

OPENING	PART NO.
1/4 × 5/16	1020
3/8 × 7/16	1723
1/2 × 9/16	1725B
5/8 × 11/16	1027B
3/4 × 13/16	1731
7/8 × 15/16	1033A
1 × 1-1/8	1735
1-1/16 × 1-1/4	1037
Kit Bag	C81

OE11K

OPENING	PART NO.
1/4 × 5/16	1020
5/16 × 3/8	1721
3/8 × 7/16	1723
7/16 × 1/2	1725
1/2 × 9/16	1725B
9/16 × 5/8	1727
5/8 × 11/16	1027B
3/4 × 13/16	1731
7/8 × 15/16	1033A
1 × 1-1/8	1735
1-1/16 × 1-1/4	1037
Kit Bag	C110

Industrial Black Sets

BOE6K

OPENING	PART NO.
3/8 × 7/16	BLK1723
1/2 × 9/16	BLK1725B
5/8 × 11/16	BLK1027B
3/4 × 13/16	BLK1731
7/8 × 15/16	BLK1033A
1 × 1-1/8	BLK1735
Kit Bag	C60B

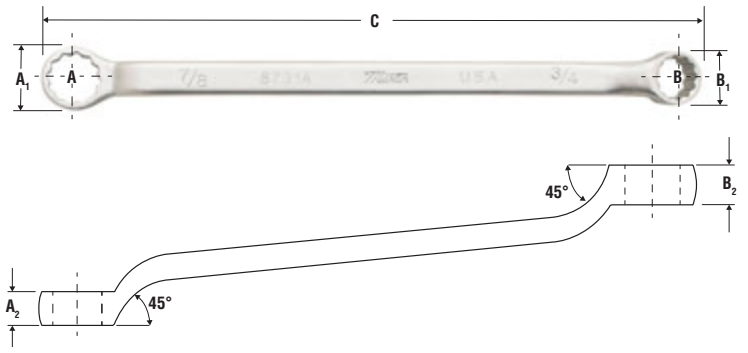
BOE8K

OPENING	PART NO.
1/4 × 5/16	BLK-1020
3/8 × 7/16	BLK1723
1/2 × 9/16	BLK1725B
5/8 × 11/16	BLK1027B
3/4 × 13/16	BLK1731
7/8 × 15/16	BLK1033A
1 × 1-1/8	BLK1735
1-1/16 × 1-1/4	BLK1037
Kit Bag	C81

BOE11K

OPENING	PART NO.
1/4 × 5/16	BLK-1020
5/16 × 3/8	BLK1721
3/8 × 7/16	BLK1723
7/16 × 1/2	BLK1725
1/2 × 9/16	BLK1725B
9/16 × 5/8	BLK1727
5/8 × 11/16	BLK1027B
3/4 × 13/16	BLK1731
7/8 × 15/16	BLK1033A
1 × 1-1/8	BLK1735
1-1/16 × 1-1/4	BLK1037
Kit Bag	C110

Double Offset Box Wrenches



- American Alloy Steel
- Drop Forged
- 12 Point Box
- Double Offset 45° for Obstruction Clearance
- Different Opening in Each End

Short Pattern

Wrench Opening	Diameter of Head		Thickness of Head		Length	Weight	Part Number		Std. Pkg.	Wrench Opening
A × B	A_1	B_1	A_2	B_2	C	Each (lb)	Chrome	Industrial Black	Qty.	A × B
5/16 × 3/8	15/32	35/64	7/32	1/4	41/4	.06	9721	BLK9721	6	5/16 × 3/8
3/8 × 7/16	17/32	5/8	17/64	5/16	45/8	.08	9723	BLK9723	6	3/8 × 7/16
7/16 × 1/2	5/8	23/32	5/16	11/32	51/16	.10	9725	BLK9725	6	7/16 × 1/2
1/2 × 9/16	23/32	13/16	11/32	3/8	51/2	.13	9725B	BLK9725B	6	1/2 × 9/16
9/16 × 5/8	13/16	7/8	3/8	7/16	515/16	.19	9727	BLK9727	6	9/16 × 5/8
5/8 × 11/16	7/8	11/32	7/16	15/32	61/2	.26	9727A	BLK9727A	6	5/8 × 11/16
5/8 × 3/4	7/8	11/32	7/16	15/32	61/2	.25	9729	BLK9729	6	5/8 × 3/4

Long Pattern – SAE & Metric

Wrench Opening	Diameter of Head		Thickness of Head		Length	Weight	Part Number		Std. Pkg.	Wrench Opening
A × B	A_1	B_1	A_2	B_2	C	Each (lb)	Chrome	Industrial Black	Qty.	A × B
3/8 × 7/16	17/32	19/32	9/32	9/32	6-15/32	.15	8723	BLK8723	6	3/8 × 7/16
7/16 × 1/2	5/8	11/16	5/16	5/16	7-3/4	.16	8725	BLK8725	6	7/16 × 1/2
1/2 × 9/16	11/16	13/16	3/8	3/8	8-5/8	.25	8725B	BLK8725B	6	1/2 × 9/16
9/16 × 5/8	25/32	7/8	3/8	3/8	9-1/2	.34	8727	BLK8727	6	9/16 × 5/8
5/8 × 11/16	7/8	31/32	13/32	13/32	10-5/16	.37	8727A	BLK8727A	6	5/8 × 11/16
5/8 × 3/4	7/8	1-1/32	29/64	29/64	11-3/16	.43	8729	BLK8729	6	5/8 × 3/4
11/16 × 3/4	1-1/32	1-5/32	15/32	15/32	11-7/8	.56	8029B	BLK8029B	6	11/16 × 3/4
3/4 × 7/8	1-1/32	1-3/16	1/2	1/2	12-9/16	.68	8731A	BLK8731A	6	3/4 × 7/8
13/16 × 7/8	1-5/32	1-7/32	17/32	17/32	13-5/16	.74	8731B	BLK8731B	6	13/16 × 7/8
7/8 × 15/16	1-5/16	1-13/32	9/16	9/16	14-1/16	1.0	8033A	BLK8033A	6	7/8 × 15/16
15/16 × 1	1-5/16	1-13/32	9/16	9/16	14-1/16	1.0	8033C	BLK8033C	6	15/16 × 1
1 × 1-1/8	1-13/32	1-17/32	21/32	21/32	15-3/16	1.4	8735	BLK8735	6	1 × 1-1/8
1-1/16 × 1-1/8	1-13/32	1-17/32	21/32	21/32	15-3/16	1.4	8735A	BLK8735A	6	1-1/16 × 1-1/8
1-1/16 × 1-1/4	1-9/16	1-13/16	11/16	11/16	17-3/16	1.8	8037	BLK8037	1	1-1/16 × 1-1/4
1-1/8 × 1-5/16	1-9/16	1-13/16	11/16	11/16	17-3/16	1.8	8037A	BLK8037A	1	1-1/8 × 1-5/16
1-1/4 × 1-5/16	1-7/8	2-1/16	3/4	3/4	18-3/8	2.4	8039B	BLK8039B	1	1-1/4 × 1-5/16
1-1/4 × 1-7/16	1-7/8	2-1/16	3/4	3/4	18-3/8	2.4	8039	BLK8039	1	1-1/4 × 1-7/16
1-5/16 × 1-1/2	2	2-1/16	25/32	13/16	20-1/16	2.8	8040A	BLK8040A	1	1-5/16 × 1-1/2
1-3/8 × 1-7/16	2	2-1/16	25/32	13/16	20-1/16	2.8	8040C	BLK8040C	1	1-3/8 × 1-7/16
1-3/8 × 1-1/2	2	2-1/16	25/32	13/16	20-1/16	2.8	8040	BLK8040	1	1-3/8 × 1-1/2
1-7/16 × 1-1/2	2	2-1/16	25/32	13/16	20-1/16	2.8	8040B	BLK8040B	1	1-7/16 × 1-1/2
10 mm x 11 mm	17.5 mm	20.5 mm	9.5 mm	9.5 mm	219.0 mm	0.25	8011MM	—	6	10 mm x 11 mm
12 mm x 13 mm	20.0 mm	22.0 mm	9.5 mm	9.5 mm	241.5 mm	0.34	8013MM	—	6	12 mm x 13 mm
14 mm x 15 mm	22.0 mm	24.5 mm	10.5 mm	10.5 mm	262.0 mm	0.37	8015MM	—	6	14 mm x 15 mm
16 mm x 18 mm	22.0 mm	26.0 mm	11.5 mm	11.5 mm	284.0 mm	0.43	8018MM	—	6	16 mm x 18 mm
17 mm x 19 mm	26.0 mm	29.5 mm	12.0 mm	12.0 mm	301.5 mm	0.56	8019MM	—	6	17 mm x 19 mm
20 mm x 22 mm	26.0 mm	30.0 mm	12.5 mm	12.5 mm	319.0 mm	0.68	8022MM	—	6	20 mm x 22 mm
21 mm x 23 mm	33.5 mm	35.5 mm	14.5 mm	14.5 mm	357.0 mm	1.0	8023MM	—	6	21 mm x 23 mm
30 mm x 32 mm	47.5 mm	52.5 mm	19.0 mm	19.0 mm	466.5 mm	2.4	8032MM	—	1	30 mm x 32 mm

Double Offset Box Wrenches Sets

Chrome Sets

BO6K

OPENING	PART NO.
3/8 × 7/16	8723
7/16 × 1/2	8725
1/2 × 9/16	8725B
9/16 × 5/8	8727
11/16 × 3/4	8029B
13/16 × 7/8	8731B
Kit Bag	C60B

BO11K

OPENING	PART NO.
3/8 × 7/16	8723
7/16 × 1/2	8725
1/2 × 9/16	8725B
9/16 × 5/8	8727
5/8 × 11/16	8727A
11/16 × 3/4	8029B
13/16 × 7/8	8731B
15/16 × 1	8033C
1-1/16 × 1-1/8	8735A
1-1/16 × 1-1/4	8037
1-1/4 × 1-5/16	8039B
Kit Bag	C110

BO5KM

OPENING	PART NO.
10 mm x 11 mm	8011MM
12 mm x 13 mm	8013MM
14 mm x 15 mm	8015MM
16 mm x 18 mm	8018MM
17 mm x 19 mm	8019MM
Kit Bag	C60B

Industrial Black Sets

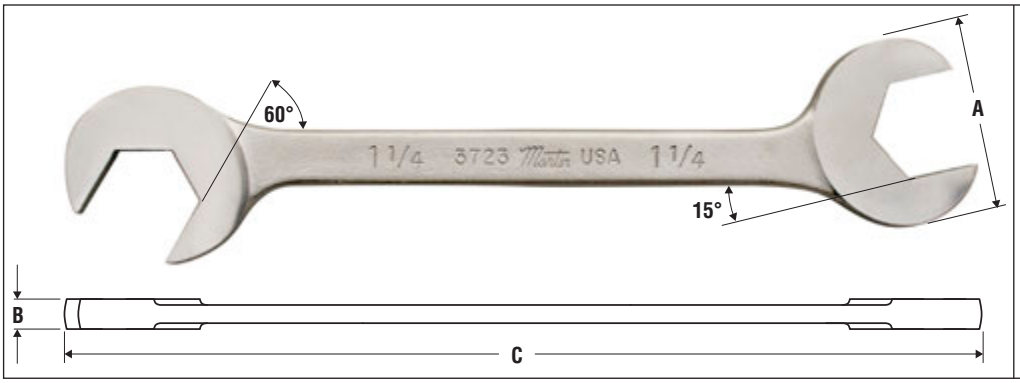
BBO6K

OPENING	PART NO.
3/8 × 7/16	BLK8723
7/16 × 1/2	BLK8725
1/2 × 9/16	BLK8725B
9/16 × 5/8	BLK8727
11/16 × 3/4	BLK8029B
13/16 × 7/8	BLK8731B
Kit Bag	C60B

BBO11K

OPENING	PART NO.
3/8 × 7/16	BLK8723
7/16 × 1/2	BLK8725
1/2 × 9/16	BLK8725B
9/16 × 5/8	BLK8727
5/8 × 11/16	BLK8727A
11/16 × 3/4	BLK8029B
13/16 × 7/8	BLK8731B
15/16 × 1	BLK8033C
1-1/16 × 1-1/8	BLK8735A
1-1/16 × 1-1/4	BLK8037
1-1/4 × 1-5/16	BLK8039B
Kit Bag	C110

Hydraulic Wrenches
Angle Openings SAE & Metric



American Alloy Steel

Drop Forged

Permits Work in Extremely Tight Clearance

Thin Head

Same Opening Each End

Wrench Opening	Diameter of Head		Length	Weight	Part Number		Std.	Wrench Opening
	A	B	C	Each (lb)	Chrome	Industrial Black	Pkg. Qty.	
11/32 × 11/32	25/32	7/32	4-3/4	.07	3710A	BLK3710A	6	11/32 × 11/32
3/8 × 3/8	25/32	7/32	4-3/4	.07	3710	BLK3710	6	3/8 × 3/8
7/16 × 7/16	7/8	7/32	5	.08	3711	BLK3711	6	7/16 × 7/16
1/2 × 1/2	1	7/32	5-1/2	.10	3712	BLK3712	6	1/2 × 1/2
9/16 × 9/16	1-1/8	1/4	6	.12	3713	BLK3713	6	9/16 × 9/16
5/8 × 5/8	1-3/16	9/32	6-1/4	.18	3714	BLK3714	6	5/8 × 5/8
11/16 × 11/16	1-5/16	9/32	7	.22	3715	BLK3715	6	11/16 × 11/16
3/4 × 3/4	1-7/16	9/32	7-1/4	.24	3716	BLK3716	6	3/4 × 3/4
13/16 × 13/16	1-19/32	9/32	7-1/2	.29	3717	BLK3717	6	13/16 × 13/16
7/8 × 7/8	1-11/16	9/32	8-1/4	.35	3718	BLK3718	6	7/8 × 7/8
15/16 × 15/16	1-13/16	1/4	9	.38	3719	BLK3719	6	15/16 × 15/16
1 × 1	1-15/16	5/16	9-3/4	.52	3720	BLK3720	6	1 × 1
1-1/16 × 1-1/16	2-1/16	5/16	10	.60	3721	BLK3721	6	1-1/16 × 1-1/16
1-1/8 × 1-1/8	2-1/4	5/16	11	.75	3722	BLK3722	6	1-1/8 × 1-1/8
1-3/16 × 1-3/16	2-1/4	5/16	11	.74	3722A	BLK3722A	6	1-3/16 × 1-3/16
1-1/4 × 1-1/4	2-3/8	11/32	11-1/2	.83	3723	BLK3723	6	1-1/4 × 1-1/4
1-3/8 × 1-3/8	2-21/32	13/32	12-1/2	1.2	3724	BLK3724	6	1-3/8 × 1-3/8
1-7/16 × 1-7/16	2-21/32	13/32	12-1/2	1.2	3725	BLK3725	6	1-7/16 × 1-7/16
1-1/2 × 1-1/2	2-21/32	13/32	12-1/2	1.2	3726	BLK3726	6	1-1/2 × 1-1/2
1-5/8 × 1-5/8	3-3/16	15/32	15-3/4	3.0	3727	BLK3727	1	1-5/8 × 1-5/8
1-11/16 × 1-11/16	3-5/16	1/2	16-1/2	3.4	3728	BLK3728	1	1-11/16 × 1-11/16
1-3/4 × 1-3/4	3-7/16	17/32	17	3.8	3729	BLK3729	1	1-3/4 × 1-3/4
1-13/16 × 1-13/16	3-9/16	17/32	17-3/4	4.5	3730	BLK3730	1	1-13/16 × 1-13/16
1-7/8 × 1-7/8	3-11/16	9/16	18-1/2	5.2	3731	BLK3731	1	1-7/8 × 1-7/8
2 × 2	3-15/16	19/32	19-1/4	5.9	3732	BLK3732	1	2 × 2

Wrench Opening	Diameter of Head		Length	Weight	Part Number	Std.	Wrench Opening
	A	B	C	Each (lb)	Chrome	Pkg. Qty.	
9 mm	19.8 mm	5.6 mm	120.7 mm	.07	3709 MM	6	9 mm
10 mm	19.8 mm	5.6 mm	120.7 mm	.07	3710 MM	6	10 mm
11 mm	22.4 mm	5.6 mm	127.0 mm	.08	3711 MM	6	11 mm
12 mm	22.4 mm	5.6 mm	127.0 mm	.08	3712 MM	6	12 mm
13 mm	25.4 mm	5.6 mm	139.7 mm	.10	3713 MM	6	13 mm
14 mm	28.4 mm	6.4 mm	152.4 mm	.12	3714 MM	6	14 mm
15 mm	28.4 mm	6.4 mm	152.4 mm	.12	3715 MM	6	15 mm
16 mm	30.2 mm	7.1 mm	158.8 mm	.18	3716 MM	6	16 mm
17 mm	30.2 mm	7.1 mm	158.8 mm	.18	3717 MM	6	17 mm
18 mm	33.3 mm	7.1 mm	177.8 mm	.22	3718 MM	6	18 mm
19 mm	36.6 mm	7.1 mm	184.2 mm	.24	3719 MM	6	19 mm
20 mm	36.6 mm	7.1 mm	184.2 mm	.24	3720 MM	6	20 mm
21 mm	40.4 mm	7.1 mm	190.5 mm	.29	3721 MM	6	21 mm
22 mm	40.4 mm	7.1 mm	190.5 mm	.29	3722 MM	6	22 mm
23 mm	42.9 mm	7.1 mm	209.6 mm	.35	3723 MM	6	23 mm
24 mm	46.0 mm	7.1 mm	228.6 mm	.38	3724 MM	6	24 mm
27 mm	52.3 mm	7.9 mm	254.0 mm	.52	3727 MM	6	27 mm
30 mm	57.2 mm	7.9 mm	279.4 mm	.60	3730 MM	6	30 mm
32 mm	60.5 mm	8.6 mm	292.1 mm	.83	3732 MM	6	32 mm
34 mm	67.6 mm	10.4 mm	317.5 mm	1.2	3734 MM	6	34 mm
36 mm	67.6 mm	10.4 mm	317.5 mm	1.2	3736 MM	6	36 mm

Hydraulic Wrench Sets
Angle Openings SAE & Metric

Convenient Angle Wrench Sets Keep Popular Sizes in Handy, Easy to Carry Roll Bags.

8 Sets Provide the Full Range of Openings in Chrome or Industrial Black Finish.

Chrome Sets

OB7K

OPENING	PART NO.
OB7K	
3/8 × 3/8	3710
7/16 × 7/16	3711
1/2 × 1/2	3712
9/16 × 9/16	3713
5/8 × 5/8	3714
11/16 × 11/16	3715
3/4 × 3/4	3716
Kit Bag	C70
OB7KM	
10mm	3710MM
11mm	3711MM
12mm	3712MM
13mm	3713MM
14mm	3714MM
15mm	3715MM
16mm	3716MM
Kit Bag	C70

OB11K

OPENING	PART NO.
OB11K	
3/8 × 3/8	3710
7/16 × 7/16	3711
1/2 × 1/2	3712
9/16 × 9/16	3713
5/8 × 5/8	3714
11/16 × 11/16	3715
3/4 × 3/4	3716
13/16 × 13/16	3717
7/8 × 7/8	3718
15/16 × 15/16	3719
1 × 1	3720
Kit Bag	C111

OB15K

OPENING	PART NO.
OB15K	
3/8 × 3/8	3710
7/16 × 7/16	3711
1/2 × 1/2	3712
9/16 × 9/16	3713
5/8 × 5/8	3714
11/16 × 11/16	3715
3/4 × 3/4	3716
13/16 × 13/16	3717
7/8 × 7/8	3718
15/16 × 15/16	3719
1 × 1	3720
1-1/16 × 1-1/16	3721
1-1/8 × 1-1/8	3722
1-3/16 × 1-3/16	3722
1-1/4 × 1-1/4	3723
Kit Bag	C180

OPENING	PART NO.
OB15KM	
10mm	3710MM
11mm	3711MM
12mm	3712MM
13mm	3713MM
14mm	3714MM
15mm	3715MM
16mm	3716MM
17mm	3717MM
18mm	3718MM
19mm	3719MM
21mm	3721MM
22mm	3722MM
24mm	3724MM
27mm	3727MM
30mm	3730MM
Kit Bag	C180

OB18K

OPENING	PART NO.
OB18K	
11/32 × 11/32	3710A
3/8 × 3/8	3710
7/16 × 7/16	3711
1/2 × 1/2	3712
9/16 × 9/16	3713
5/8 × 5/8	3714
11/16 × 11/16	3715
3/4 × 3/4	3716
13/16 × 13/16	3717
7/8 × 7/8	3718
15/16 × 15/16	3719
1 × 1	3720
1-1/16 × 1-1/16	3721
1-1/8 × 1-1/8	3722
1-1/4 × 1-1/4	3723
1-3/8 × 1-3/8	3724
1-7/16 × 1-7/16	3725
1-1/2 × 1-1/2	3726
Kit Bag	C180

OPENING	PART NO.
OB18KM	
9mm	3709MM
10mm	3710MM
11mm	3711MM
12mm	3712MM
13mm	3713MM
14mm	3714MM
15mm	3715MM
16mm	3716MM
17mm	3717MM
18mm	3718MM
19mm	3719MM
21mm	3721MM
22mm	3722MM
24mm	3724MM
27mm	3727MM
32mm	3732MM
34mm	3734MM
36mm	3736MM
Kit Bag	C180

Industrial Black Set

BOB7K

OPENING	PART NO.
3/8 × 3/8	BLK3710
7/16 × 7/16	BLK3711
1/2 × 1/2	BLK3712
9/16 × 9/16	BLK3713
5/8 × 5/8	BLK3714
11/16 × 11/16	BLK3715
3/4 × 3/4	BLK3716
Kit Bag	C70

BOB11K

OPENING	PART NO.
3/8 × 3/8	BLK3710
7/16 × 7/16	BLK3711
1/2 × 1/2	BLK3712
9/16 × 9/16	BLK3713
5/8 × 5/8	BLK3714
11/16 × 11/16	BLK3715
3/4 × 3/4	BLK3716
13/16 × 13/16	BLK3717
7/8 × 7/8	BLK3718
15/16 × 15/16	BLK3719
1 × 1	BLK3720
Kit Bag	C111

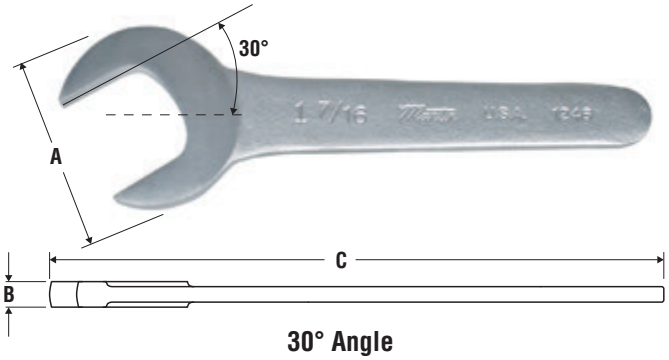
BOB15K

OPENING	PART NO.
3/8 × 3/8	BLK3710
7/16 × 7/16	BLK3711
1/2 × 1/2	BLK3712
9/16 × 9/16	BLK3713
5/8 × 5/8	BLK3714
11/16 × 11/16	BLK3715
3/4 × 3/4	BLK3716
13/16 × 13/16	BLK3717
7/8 × 7/8	BLK3718
15/16 × 15/16	BLK3719
1 × 1	BLK3720
11/16 × 11/16	BLK3721
11/8 × 11/8	BLK3722
13/16 × 13/16	BLK3722A
11/4 × 11/4	BLK3723
Kit Bag	C180

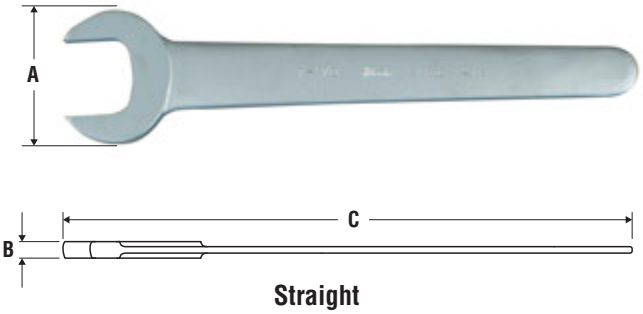
BOB18K

OPENING	PART NO.
11/32 × 11/32	BLK3710A
3/8 × 3/8	BLK3710
7/16 × 7/16	BLK3711
1/2 × 1/2	BLK3712
9/16 × 9/16	BLK3713
5/8 × 5/8	BLK3714
11/16 × 11/16	BLK3715
3/4 × 3/4	BLK3716
13/16 × 13/16	BLK3717
7/8 × 7/8	BLK3718
15/16 × 15/16	BLK3719
1 × 1	BLK3720
11/16 × 11/16	BLK3721
11/8 × 11/8	BLK3722
11/4 × 11/4	BLK3723
13/8 × 13/8	BLK3724
17/16 × 17/16	BLK3725
11/2 × 11/2	BLK3726
Kit Bag	C180

Service Wrenches – SAE & Metric



30° Angle



Straight

30° Angle Service Wrenches

Wrench Opening	Diameter of Head		Length	Weight Each (lb)	Part Number		Std. Pkg. Qty.	Wrench Opening
	A	B	C		Chrome	Industrial Black		
3/4	1-11/16	1/4	6-5/16	.22	1224	BLK1224	6	3/4
13/16	1-11/16	1/4	6-5/16	.22	1226	BLK1226	6	13/16
7/8	1-11/16	1/4	6-5/16	.22	1228	BLK1228	6	7/8
15/16	1-7/8	1/4	6-7/8	.25	1230	BLK1230	6	15/16
1	1-7/8	1/4	6-7/8	.25	1232	BLK1232	6	1
1-1/16	1-7/8	1/4	6-7/8	.25	1234	BLK1234	6	1-1/16
1-1/8	2-1/16	1/4	7-3/16	.31	1236	BLK1236	6	1-1/8
1-3/16	2-1/16	1/4	7-3/16	.31	1238	BLK1238	6	13/16
1-1/4	2-1/16	1/4	7-3/16	.30	1240	BLK1240	6	1-1/4
1-5/16	2-1/16	1/4	7-3/16	.30	1236S	BLK1236S	6	1-5/16
1-5/16	2-1/2	9/32	7-11/16	.45	1242	BLK1242	6	1-5/16
1-3/8	2-1/2	9/32	7-11/16	.44	1244	BLK1244	6	1-3/8
1-7/16	2-1/2	9/32	7-11/16	.43	1246	BLK1246	6	1-7/16
1-1/2	2-1/2	9/32	7-11/16	.42	1248	BLK1248	6	1-1/2
1-9/16	2-5/8	9/32	7-15/16	.43	1250	BLK1250	6	1-9/16
1-5/8	2-5/8	9/32	7-15/16	.43	1252	BLK1252	6	1-5/8
1-11/16	2-5/8	9/32	7-15/16	.42	1254	BLK1254	6	1-11/16
1-3/4	3-1/8	5/16	8-9/16	.70	1256	BLK1256	6	1-3/4
1-13/16	3-1/8	5/16	8-9/16	.69	1258	BLK1258	6	1-13/16
1-7/8	3-1/8	5/16	8-9/16	.69	1260	BLK1260	6	1-7/8
1-15/16	3-1/8	5/16	8-9/16	.68	1262	BLK1262	6	1-15/16
2	3-1/2	5/16	9-1/2	.66	1264	BLK1264	6	2
2-1/8	3-1/2	5/16	9-1/2	.65	1268	BLK1268	6	2-1/8
2-1/4	3-1/2	5/16	9-1/2	.61	1272	BLK1272	6	2-1/4
2-3/8	3-1/2	5/16	9-1/2	.61	1276	BLK1276	6	2-3/8
2-1/2	3-1/2	5/16	9-1/2	.59	1272S	BLK1272S	6	2-1/2
2-9/16	3-1/2	5/16	9-1/2	.57	1264S	BLK1264S	6	2-9/16

SW11K

BSW11K

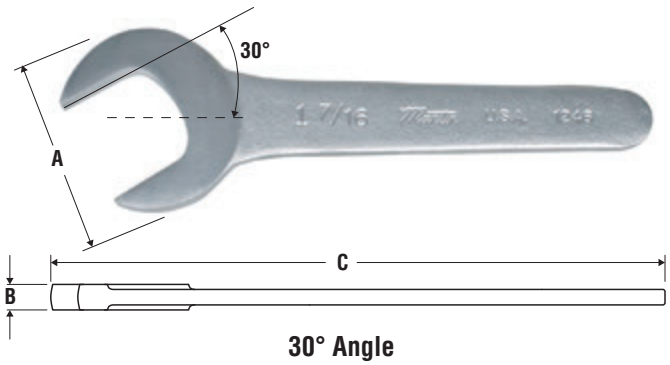
30° Angle Service Wrenches Sets

Chrome Set SW11K		Industrial Black Set BSW11K	
OPENING	PART NO.	OPENING	PART NO.
3/4	1224	3/4	BLK1224
13/16	1226	13/16	BLK1226
7/8	1228	7/8	BLK1228
15/16	1230	15/16	BLK1230
1	1232	1	BLK1232
1-1/16	1234	1-1/16	BLK1234
1-1/8	1236	1-1/8	BLK1236
13/16	1238	13/16	BLK1238
1-1/4	1240	1-1/4	BLK1240
1-3/8	1244	1-3/8	BLK1244
1-1/2	1248	1-1/2	BLK1248
Kit Bag	C111	Kit Bag	C111

Straight Service Wrenches

Wrench Opening	Diameter of Head		Length	Weight Each (lb)	Part Number	Std. Pkg. Qty.	Wrench Opening
	A	B	C		Chrome		
1	2-1/2	1/4	12-1/4	.77	1932	6	1
1-1/8	2-1/2	1/4	12-1/4	.73	1936	6	1-1/8
1-1/2	2-7/8	9/32	12-1/4	.93	1948	6	1-1/2
1-5/8	2-7/8	9/32	12-1/4	.92	1952	6	1-5/8
1-3/4	3-7/16	5/16	12-1/4	1.3	1956	6	1-3/4
2	3-7/16	5/16	12-1/4	1.3	1964	6	2
2-1/4	3-7/16	5/16	12-1/4	1.3	1972	6	2-1/4

Service Wrenches – Metric



30° Angle

Pump Wrenches - Chrome

Thin Pattern for Use on Jam Nuts and in Confined Areas

30º Angle Heads

30° Angle Service Wrenches – Metric

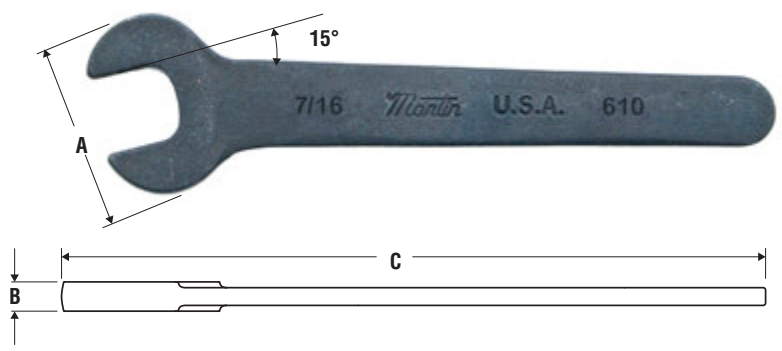
Wrench Opening	Diameter of Head		Length	Weight Each (lb)	Part Number	Std. Pkg. Qty.	Wrench Opening
	A	B	C		Chrome		
19 mm	42.9 mm	6.4 mm	160.3 mm	.22	1219MM	6	19 mm
21 mm	42.9 mm	6.4 mm	160.3 mm	.22	1221MM	6	21 mm
22 mm	42.9 mm	6.4 mm	160.3 mm	.22	1222MM	6	22 mm
24 mm	47.6 mm	6.4 mm	174.8 mm	.25	1224MM	6	24 mm
27 mm	47.6 mm	6.4 mm	174.8 mm	.25	1227MM	6	27 mm
30 mm	52.4 mm	6.4 mm	182.6 mm	.31	1230MM	6	30 mm
32 mm	52.4 mm	6.4 mm	182.6 mm	.30	1232MM	6	32 mm
36 mm	63.5 mm	7.1 mm	195.3 mm	.45	1236MM	6	36 mm
37 mm	63.5 mm	7.1 mm	195.3 mm	.43	1237MM	6	37 mm
38 mm	63.5 mm	7.1 mm	195.3 mm	.42	1238MM	6	38 mm
40 mm	66.7 mm	7.1 mm	201.7 mm	.43	1240MM	6	40 mm
41 mm	66.7 mm	7.1 mm	201.7 mm	.43	1241MM	6	41 mm
42 mm	66.7 mm	7.1 mm	201.7 mm	.43	1242MM	6	42 mm
44 mm	66.7 mm	7.1 mm	201.7 mm	.43	1244MM	6	44 mm
46 mm	79.4 mm	7.9 mm	217.4 mm	.70	1246MM	6	46 mm
48 mm	79.4 mm	7.9 mm	217.4 mm	.70	1248MM	6	48 mm
50 mm	79.4 mm	7.9 mm	217.4 mm	.68	1250MM	6	50 mm
52 mm	88.9 mm	7.9 mm	242.1 mm	.66	1252MM	6	52 mm
55 mm	88.9 mm	7.9 mm	242.1 mm	.66	1255MM	6	55 mm
60 mm	88.9 mm	7.9 mm	242.1 mm	.61	1260MM	6	60 mm
65 mm	88.9 mm	7.9 mm	242.1 mm	.57	1265MM	6	65 mm

30° Angle Service Wrenches Set

SW11KM

OPENING	PART NO.
19 mm	1219MM
21 mm	1221MM
22 mm	1222MM
24 mm	1224MM
27 mm	1227MM
30 mm	1230MM
32 mm	1232MM
36 mm	1236MM
37 mm	1237MM
38 mm	1238MM
40 mm	1240MM
Kit Bag	C111

Check Nut Wrenches – Fractional & Metric



Thin Pattern

15° Angle

Use on Check Nuts, Stop Nuts, Jam Nuts, Hydraulic Fitting

Smaller Sizes Compliment Service Wrenches

Check Nut Wrenches

Wrench Opening	Diameter of Head		Length	Weight Each (lb)	Part Number	Std. Pkg. Qty.	Wrench Opening
	A	B	C		Industrial Black		
7/16	1	1/8	4	.05	601A	6	7/16
1/2	1	1/8	4	.05	601	6	1/2
9/16	1-1/4	5/32	4-1/2	.11	602A	6	9/16
19/32	1-1/4	5/32	4-1/2	.11	602	6	19/32
5/8	1-1/2	3/16	5-1/8	.13	603A	6	5/8
11/16	1-1/2	3/16	5-1/8	.13	603	6	11/16
3/4	1-5/8	7/32	5-7/8	.19	604A	6	3/4
13/16	1-13/16	1/4	6-5/8	.28	605A	6	13/16
7/8	1-13/16	1/4	6-5/8	.28	605	6	7/8
15/16	2-1/8	9/32	7-1/2	.36	606A	6	15/16
1	2-1/8	9/32	7-1/2	.35	606B	6	1
1-1/16	2-7/16	5/16	8-1/2	.66	607	6	1-1/16
1-1/8	2-7/16	5/16	8-1/2	.65	607A	6	1-1/8
1-1/4	2-3/4	3/8	10	1.12	608	6	1-1/4
1-5/16	2-3/4	3/8	10	1.12	608A	6	1-5/16
1-1/2	3-3/16	7/16	11-1/2	1.5	609A	6	1-1/2
1-5/8	3-11/16	1/2	13	2.3	610	6	1-5/8
1-11/16	3-11/16	1/2	13	2.2	610A	6	1-11/16

Check Nut Wrenches Set

CN7K

OPENING	PART NO.
7/16	601A
1/2	601
9/16	602A
5/8	603A
11/16	603
3/4	604A
7/8	605
Kit Bag	C70

Check Nut Wrenches – Metric

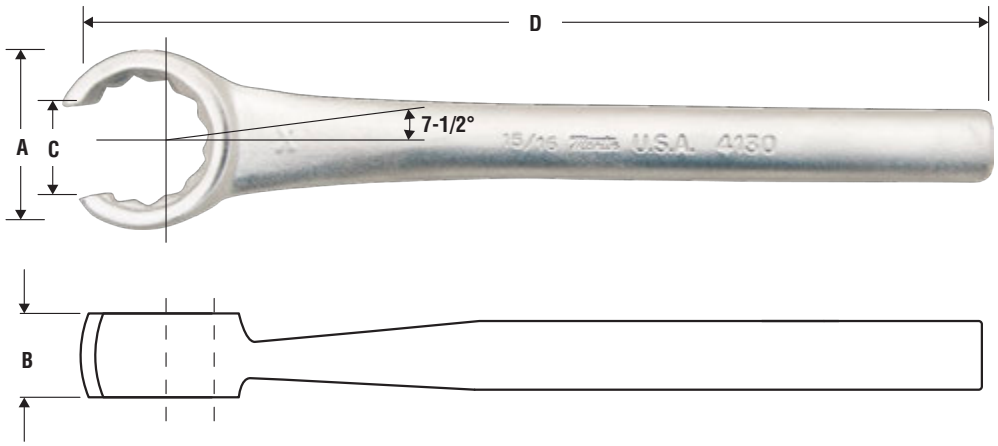
Wrench Opening	Diameter of Head		Length	Weight Each (lb)	Part Number	Std. Pkg. Qty.	Wrench Opening
	A	B	C		Industrial Black		
10 mm	25.4 mm	3.2 mm	101.6 mm	.05	610MM	6	10 mm
11 mm	25.4 mm	3.2 mm	101.6 mm	.05	611MM	6	11 mm
12 mm	25.4 mm	3.2 mm	101.6 mm	.05	612MM	6	12 mm
13 mm	25.4 mm	3.2 mm	101.6 mm	.05	613MM	6	13 mm
14 mm	31.8 mm	4.0 mm	114.3 mm	.11	614MM	6	14 mm
15 mm	31.8 mm	4.0 mm	114.3 mm	.11	615MM	6	15 mm
16 mm	38.1 mm	4.8 mm	130.2 mm	.13	616MM	6	16 mm
17 mm	38.1 mm	4.8 mm	130.2 mm	.13	617MM	6	17 mm
18 mm	38.1 mm	4.8 mm	130.2 mm	.13	618MM	6	18 mm
19 mm	41.3 mm	5.6 mm	155.6 mm	.19	619MM	6	19 mm
21 mm	46.0 mm	6.4 mm	168.3 mm	.28	621MM	6	21 mm
22 mm	46.0 mm	6.4 mm	168.3 mm	.28	622MM	6	22 mm
24 mm	50.8 mm	7.1 mm	190.5 mm	.36	624MM	6	24 mm
27 mm	61.9 mm	7.9 mm	215.9 mm	.66	627MM	6	27 mm
30 mm	61.9 mm	7.9 mm	215.9 mm	.66	630MM	6	30 mm
32 mm	66.7 mm	9.5 mm	254.0 mm	1.12	632MM	6	32 mm
36 mm	66.7 mm	9.5 mm	254.0 mm	1.12	636MM	6	36 mm
37 mm	85.7 mm	11.1 mm	280.0 mm	1.50	637MM	6	37 mm
38 mm	85.7 mm	11.1 mm	289.0 mm	1.50	638MM	6	38 mm
41 mm	87.3 mm	12.7 mm	331.0 mm	2.1	641MM	6	41 mm

Check Nut Wrenches Set – Metric

CN9KM

OPENING	PART NO.
10 mm	610MM
11 mm	611MM
12 mm	612MM
13 mm	613MM
14 mm	614MM
15 mm	615MM
16 mm	616MM
17 mm	617MM
19 mm	619MM
Kit Bag	C90

Flare Nut Wrenches



American Alloy Steel

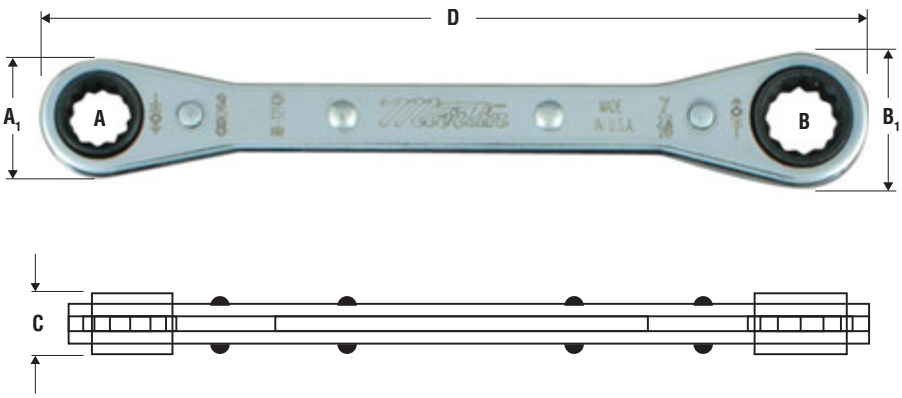
Chrome or Black Finish

12 Point Opening

Drop Forged

Wrench Opening	Diameter of Head		Width of Slot	Length	Weight Each (lb)	Part Number		Std. Pkg. Qty.	Wrench Opening
	A	B	C	D		Chrome	Industrial Black		
3/8	3/4	3/8	9/32	6-7/16	.18	4112	BLK4112	6	3/8
7/16	13/16	3/8	11/32	6-7/16	.20	4114	BLK4114	6	7/16
1/2	7/8	7/16	3/8	6-13/16	.28	4116	BLK4116	6	1/2
9/16	1	7/16	7/16	6-13/16	.30	4118	BLK4118	6	9/16
5/8	1-1/16	1/2	1/2	7-1/16	.38	4120	BLK4120	6	5/8
11/16	1-1/8	1/2	9/16	7-1/16	.45	4122	BLK4122	6	11/16
3/4	1-7/32	9/16	5/8	7-7/16	.53	4124	BLK4124	6	3/4
13/16	1-5/16	5/8	21/32	7-7/16	.60	4126	BLK4126	6	13/16
7/8	1-7/16	5/8	11/16	7-1/2	.60	4128	BLK4128	6	7/8
15/16	1-1/2	5/8	3/4	7-5/8	.63	4130	BLK4130	6	15/16
1	1-9/16	5/8	3/4	7-13/16	.69	4132	BLK4132	6	1
1-1/16	1-5/8	11/16	13/16	7-13/16	.78	4134	BLK4134	6	1-1/16
1-1/8	1-11/16	11/16	7/8	7-13/16	.83	4136	BLK4136	6	1-1/8
1-1/4	1-13/16	11/16	1	7-15/16	.83	4140	BLK4140	6	1-1/4
1-3/8	2-1/16	13/16	1-1/16	9	1.3	4144	BLK4144	6	1-3/8
1-1/2	2-3/8	7/8	1-1/8	10	1.6	4148	BLK4148	6	1-1/2

Ratcheting Box Wrenches & Sets
Straight Pattern



Chrome Finish

Different Openings on Each End in Size from 1/4" through 7/8"

12 Point with 6 Point

Also Available on RB810, 1214 and 1618.

Wrench Opening	Type Opening	Diameter of Head		Thickness of Head	Overall Length	Weight Each (lb)	Part No.	Std. Pkg. Qty.	Wrench Opening
A × B		A_1	B_1	C	D		Chrome		A × B
1/4 × 5/16	6 Point	9/16	5/8	3/8	41/4	.12	RB810	6	1/4 × 5/16
1/4 × 5/16	12 Point	9/16	5/8	3/8	41/4	.13	RB810DH	6	1/4 × 5/16
3/8 × 7/16	6 Point	5/8	7/8	3/8	51/2	.18	RB1214	6	3/8 × 7/16
3/8 × 7/16	12 Point	5/8	7/8	3/8	51/2	.19	RB1214DH	6	3/8 × 7/16
1/2 × 9/16	6 Point	1	1-1/8	1/2	63/4	.42	RB1618	6	1/2 × 9/16
1/2 × 9/16	12 Point	1	1-1/8	1/2	63/4	.42	RB1618DH	6	1/2 × 9/16
5/8 × 11/16	12 Point	1-1/4	1-7/16	1/2	8	.54	RB2022	6	5/8 × 11/16
5/8 × 3/4	12 Point	1-1/4	1-7/16	1/2	8	.52	RB2024	6	5/8 × 3/4
11/16 × 13/16	12 Point	1-7/16	1-9/16	1/2	91/4	.78	RB2226	6	11/16 × 13/16
3/4 × 7/8	12 Point	1-7/16	1-9/16	1/2	91/4	.74	RB2428	6	3/4 × 7/8

Sets

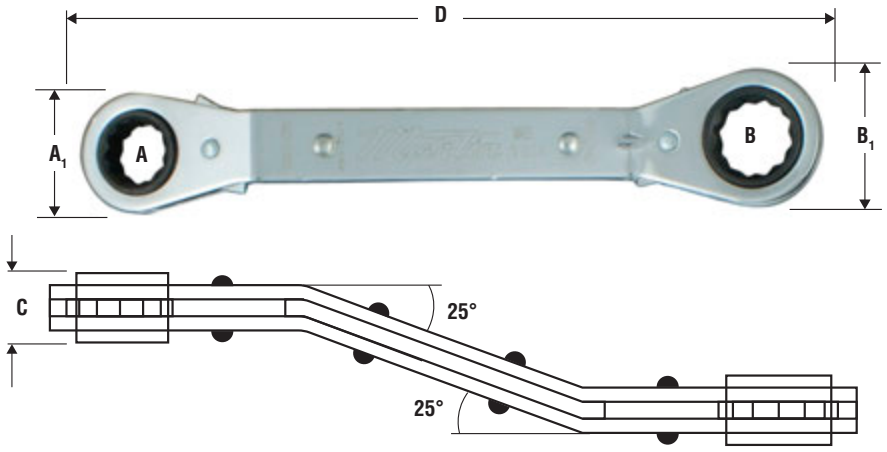
RB5K

OPENING	PART NO.
1/4 × 5/16	RB810
3/8 × 7/16	RB1214
1/2 × 9/16	RB1618
5/8 × 11/16	RB2022
3/4 × 7/8	RB2428
Kit Bag	C185

RB7K

OPENING	PART NO.
1/4 × 5/16	RB810
3/8 × 7/16	RB1214
1/2 × 9/16	RB1618
5/8 × 11/16	RB2022
5/8 × 3/4	RB2024
11/16 × 13/16	RB2226
3/4 × 7/8	RB2428
Kit Bag	C187

Ratcheting Box Wrenches & Sets
25° Offset Pattern



Chrome Finish

25° Offset

Size Openings from 1/4" through 7/8" with Different Openings on Each End.

RBO810 through RBO1618 6 Point

RBO2022 through RBO2428 12 Point

Wrench Opening	Type Opening	Diameter of Head		Thickness of Head	Overall Length	Weight Each (lb)	Part No.	Std. Pkg. Qty.	Wrench Opening
A × B		A_1	B_1	C	D		Chrome		A × B
1/4 × 5/16	6 Point	9/16	5/8	3/8	43/32	.12	RBO810	6	1/4 × 5/16
3/8 × 7/16	6 Point	5/8	7/8	3/8	57/32	.18	RBO1214	6	3/8 × 7/16
1/2 × 9/16	6 Point	1	11/8	1/2	615/32	.42	RBO1618	6	1/2 × 9/16
5/8 × 11/16	12 Point	11/4	17/16	1/2	721/32	.54	RBO2022	6	5/8 × 11/16
5/8 × 3/4	12 Point	11/4	17/16	1/2	721/32	.52	RBO2024	6	5/8 × 3/4
11/16 × 13/16	12 Point	17/16	19/16	1/2	83/4	.78	RBO2226	6	11/16 × 13/16
3/4 × 7/8	12 Point	17/16	19/16	1/2	83/4	.74	RBO2428	6	3/4 × 7/8

Sets

RBO5K

OPENING	PART NO.
1/4 × 5/16	RBO810
3/8 × 7/16	RBO1214
1/2 × 9/16	RBO1618
5/8 × 11/16	RBO2022
3/4 × 7/8	RBO2428
Kit Bag	C185

RBO7K

OPENING	PART NO.
1/4 × 5/16	RBO810
3/8 × 7/16	RBO1214
1/2 × 9/16	RBO1618
5/8 × 11/16	RBO2022
5/8 × 3/4	RBO2024
11/16 × 13/16	RBO2226
3/4 × 7/8	RBO2428
Kit Bag	C187

Heavy-Duty Pipe Wrenches

Straight Iron Handle

Size	Capacity	Weight Each (lb)	Part Number	Std. Pkg. Qty.
6	3/4	1/2	PW6	6
8	1	3/4	PW8	6
10	1-1/2	13/4	PW10	6
12	2	23/4	PW12	6
14	2	31/2	PW14	6
18	2-1/2	53/4	PW18	6
24	3	93/4	PW24	3
36	5	17	PW36	3
—	—	—	—	—

Straight Aluminium Handle • Rigid Branded

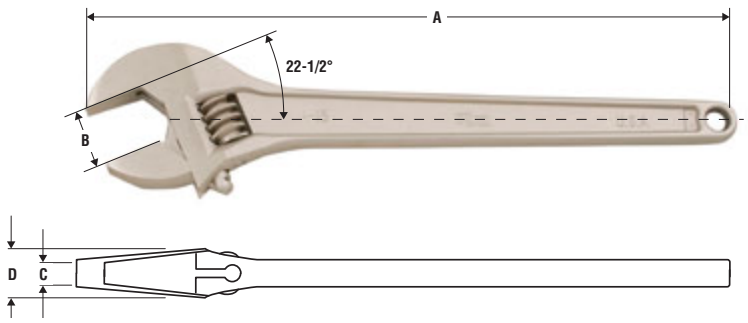
Size	Capacity	Weight Each (lb)	Part Number	Std. Pkg. Qty.
—	—	—	—	—
—	—	—	—	—
10	1-1/2	1	PWA10*	6
—	—	—	—	—
14	2	2	PWA14	6
18	2-1/2	3-1/2	PWA18*	6
24	3	5-3/4	PWA24*	6
36	5	10	PWA36	3
48	6	17	PWA48*	1

Pipe Wrench Parts

Hook Jaw		Heel Jaw & Pin		Flat Spring & Ball		Nut	
PART NUMBER	SIZE	PART NUMBER	SIZE	PART NUMBER	SIZE	PART NUMBER	SIZE
PW6HJ	6	PW6HP	6	PW6SFC	6	PW6N	6
PW8HJ	8	PW8HP	8	PW8SFC	8	PW8N	8
PW10HJ	10	PW10HP	10	PW10SFC	10	PW10N	10
PW12HJ	12	PW12HP	12	PW12SFC	12	PW12N	12
PW14HJ	14	PW14HP	14	PW14SFC	14	PW14N	14
PW18HJ	18	PW18HP	18	PW18SFC	18	PW18N	18
PW24HJ	24	PW24HP	24	PW24SFC	24	PW24N	24
PW36HJ	36	PW36HP	36	PW36SFC	36	PW36N	36
		PW48HP	48	PW48SFC	48	PW48N	48

Adjustable, Auto and Set Screw Wrenches

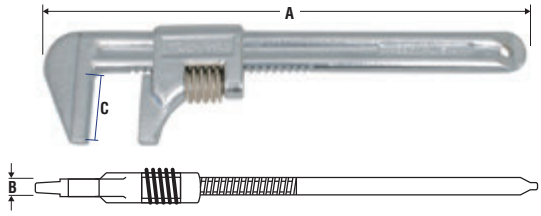
Adjustable Wrench



- Drop Forged American Alloy Steel
- Extra Wide Capacity
- Light Weight
- Thin Tapered Head
- 22-1/2° Angle
- Chrome and Industrial Black Finish

Size Length	Capacity	Thickness of Head		Weight Each (lb)	Part Number		Std. Pkg. Qty.	Size Length
		Jaw Tip	Extreme					
A	B	C	D		Chrome	Industrial Black		A
6	15/16	7/32	3/8	.26	A6	A6T	6	6
8	1-1/8	17/64	1/2	.48	A8	A8T	6	8
10	1-5/16	23/64	19/32	.80	A10	A10T	6	10
12	1-1/2	15/32	23/32	1.30	A12	A12T	6	12
15	1-3/4	19/32	31/32	3.00	A15	A15T	6	15
18	2-3/16	23/32	13/16	5.65	A18	A18T	1	18
24	2-1/2	7/8	13/8	8.60	A24	A24T	1	24

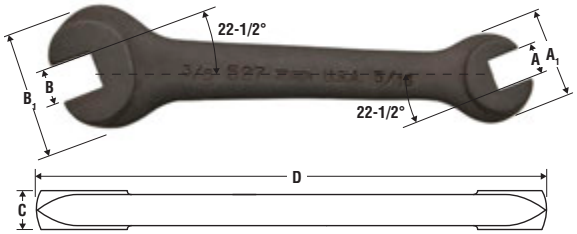
Adjustable Auto Wrench



- Drop Forged American Allow Steel
- Machined and Heat Treated
- Well Suited for General Repair Work

A	Max. Jaw Capacity	B	C	Weight Each (lb)	Part No. Chrome	Std. Pkg. Qty.
11	3	7/16	1-1/2	1.5	89311	1
15	3-7/8	9/16	2	2	89315	1
18	3-7/8	9/16	2-1/4	3	89318	1

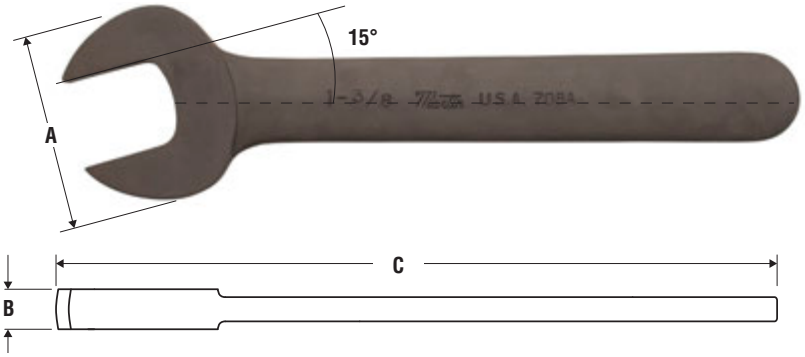
Set Screw Wrench



- For Hard Square Set Screws, Cap Screws & Nuts
- High Grade Carbon Steel
- Machined to Industry Standards

Wrench Openings	Diameter of Head	Thickness of Head	Length	Weight Each (lb)	Part No.	Std. Pkg. Qty.	Wrench Openings
A × B	$A_1 \times B_1$	C	D		Industrial Black		A × B
3/16 × 1/4	27/32 × 1-1/16	9/32	4-1/4	.13	523	6	3/16 × 1/4
1/4 × 5/16	27/32 × 1-1/16	9/32	4-1/4	.13	525	6	1/4 × 5/16
5/16 × 3/8	1 × 1-5/16	11/32	5	.21	527	6	5/16 × 3/8
3/8 × 7/16	1-1/4 × 1-3/8	3/8	5-3/4	.33	529	6	3/8 × 7/16
3/8 × 1/2	1-1/4 × 1-3/8	13/32	5-3/4	.35	530	6	3/8 × 1/2
7/16 × 1/2	1-1/4 × 1-3/8	13/32	5-3/4	.35	531	6	7/16 × 1/2
1/2 × 5/8	1-3/4 × 1-7/8	9/16	8-1/2	.90	534	6	1/2 × 5/8

Single Head Open End Engineers Wrench



American High Carbon Steel

Precision Forged and through Hardened

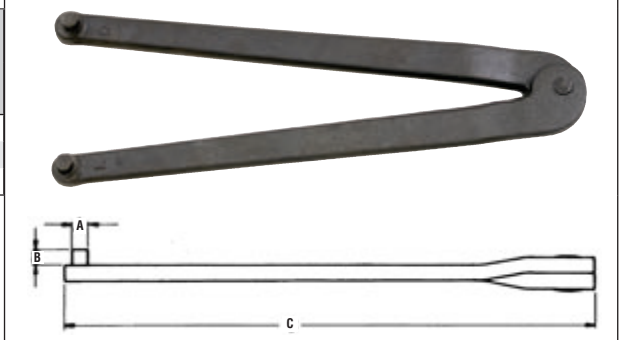
15/8" and Larger Sizes Have Tapered Handles

Industrial Black Finish

Wrench Opening	Diameter of Head	Thickness of Head	Length	Weight Each (lb)	Part Number	Std. Pkg. Qty.	Wrench Opening
	A	B	C		Industrial Black		
7/16	1	5/16	4-5/8	.16	701	6	7/16
1/2	1	5/16	4-5/8	.16	1	6	1/2
9/16	1-3/16	5/16	5-1/2	.19	702	6	9/16
5/8	1-3/8	11/32	6-3/8	.32	703	6	5/8
11/16	1-3/8	11/32	6-3/8	.32	3	6	11/16
3/4	1-9/16	3/8	7-1/4	.44	704	6	3/4
13/16	1-3/4	7/16	8-1/8	.64	705	6	13/16
7/8	1-3/4	7/16	8-1/8	.64	5	6	7/8
15/16	2	7/16	9-1/4	.80	6A	6	15/16
1	2	7/16	9-1/4	.82	706	6	1
1-1/16	2-1/4	9/16	10-1/2	1.26	7	6	1-1/16
1-1/8	2-1/4	9/16	10-1/2	1.22	707	6	1-1/8
1-1/4	2-3/4	19/32	12	2.1	8	6	1-1/4
1-5/16	2-3/4	19/32	12	2.0	8A	6	1-5/16
1-3/8	2-3/4	19/32	12	2.0	708A	6	1-3/8
1-7/16	3	5/8	13-1/2	2.5	9	6	1-7/16
1-1/2	3	5/8	13-1/2	2.5	709	6	1-1/2
1-5/8	3-1/2	7/8	15	3.6	10	1	1-5/8
1-11/16	3-1/2	7/8	15	3.5	10A	1	1-11/16
1-13/16	3-3/4	15/16	16-1/2	5.0	11	1	1-13/16
1-7/8	3-3/4	15/16	16-1/2	5.0	11A	1	1-7/8
2	4-1/8	1	18-1/4	6.2	12	1	2
2-1/16	4-1/8	1	18-1/4	6.2	12A	1	2-1/16
2-3/16	4-1/2	1-1/16	20	8.0	13	1	2-3/16
2-1/4	4-1/2	1-1/16	20	8.0	13A	1	2-1/4
2-3/8	4-5/8	1-1/8	22	9.6	14	1	2-3/8
2-7/16	4-5/8	1-1/8	22	9.6	14A	1	2-7/16
2-9/16	5-1/4	1-3/16	24	13.2	15	1	2-9/16
2-5/8	5-1/4	1-3/16	24	13.1	15A	1	2-5/8
2-3/4	6	1-1/4	27	12.9	16	1	2-3/4
2-13/16	6	1-1/4	27	16.0	16B	1	2-13/16
2-15/16	6	1-1/4	27	16.0	16A	1	2-15/16
3	6-3/8	1-1/2	30	23.7	17A	1	3
3-1/8	6-3/8	1-1/2	30	23.7	17	1	3-1/8
3-3/8	7-1/2	1-5/8	34	31.6	18A	1	3-3/8
3-1/2	7-1/2	1-5/8	34	31.6	18	1	3-1/2
3-3/4	8	1-3/4	37	33.0	19B	1	3-3/4
3-7/8	8	1-3/4	37	33.0	19	1	3-7/8
4-1/8	8	1-3/4	37	32.5	19C	1	4-1/8
4-1/4	8	1-3/4	37	32.0	19A	1	4-1/4
4-1/2	10-1/4	1-7/8	42	50.5	20B	1	4-1/2
4-5/8	10-1/4	1-7/8	42	50.5	20	1	4-5/8
5	10-1/4	1-7/8	42	50.4	20A	1	5

Adjustable Face Spanner

Extreme Capacity	Diameter of Pin	Length of Pin	Overall Length	Weight Each (lb)	Part Number	Std. Pkg. Qty.
	A	B	C		Industrial Black	
2	3/16	7/32	6-1/4	.31	482	6
3	1/4	9/32	8-1/4	.52	483	6
4	5/16	11/32	10-1/4	1.02	484	6

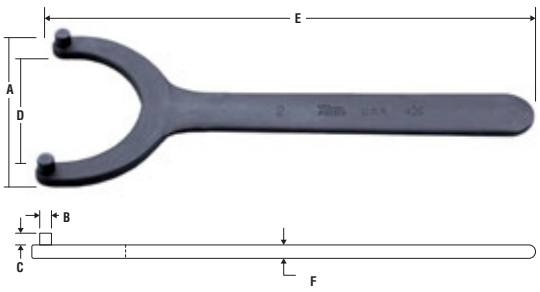


Pin Spanner

For Circle Diameter	Diameter of Pin	Length of Pin	Overall Length	Weight Each (lb)	Part Number	Std. Pkg. Qty.
	A	B	C		Industrial Black	
1	3/16	3/16	4	.08	452	6
1-1/4	13/64	3/16	4-1/2	.11	453	6
1-1/2	7/32	7/32	5	.13	454	6
1-3/4	15/64	7/32	5-1/2	.17	455	6
2	1/4	1/4	6	.20	456	6
2-1/4	17/64	1/4	6-1/2	.24	457	6
2-1/2	9/32	9/32	7	.28	458	6
2-3/4	19/64	9/32	7-1/2	.37	459	6
3	5/16	5/16	8	.43	460	6
3-1/4	21/64	5/16	8-1/2	.47	461	6
3-1/2	11/32	11/32	9	.50	462	6
3-3/4	23/64	11/32	9-1/2	.59	463	6
4	3/8	3/8	10	.69	464	6
5	7/16	7/16	12	1.15	466	6
6	1/2	1/2	14	1.90	468	6

Face Spanner

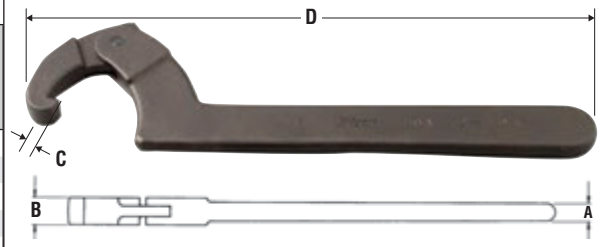
Center Distance of Pins	Pins		Span of Jaws in Clear	Length from Center of Pins	Thickness	Weight Each (lb)	Part No.	Std. Pkg. Qty.
	Diameter	Length					Industrial Black	
A	B	C	D	E	F			
1	3/16	3/16	11/16	4-1/2	3/16	.12	418	6
1-1/4	7/32	7/32	7/8	5	3/16	.13	420	6
1-1/2	7/32	7/32	1-1/8	5-1/2	3/16	.23	422	6
1-3/4	7/32	7/32	1-3/8	6	7/32	.30	424	6
2	1/4	1/4	1-19/32	6-1/2	7/32	.39	426	6
2-1/4	1/4	1/4	1-27/32	7	7/32	.42	428	6
2-1/2	9/32	9/32	2-1/32	7-1/2	1/4	.52	430	6
2-3/4	9/32	9/32	2-9/32	8	1/4	.59	432	6
3	5/16	5/16	2-1/2	8-1/2	1/4	.70	434	6
3-1/4	5/16	5/16	2-3/4	9-1/8	1/4	.82	436	6
3-1/2	5/16	5/16	3	9-3/4	1/4	.89	438	6
3-3/4	3/8	3/8	3-3/16	10-3/8	1/4	1.0	440	6
4	3/8	3/8	3-7/16	11	1/4	1.1	442	6



Spanner Wrenches & Sets – Adjustable

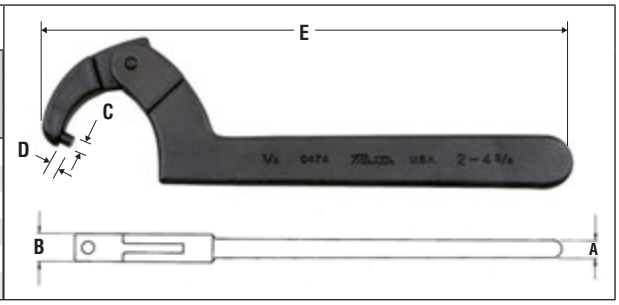
Adjustable Hook Spanner

Capacity Range	Thickness of Handle	Thickness of Hook	Depth of Hook	Overall Length	Weight Each (lb)	Part No.	Std. Pkg. Qty.
	A	B	C	D		Industrial Black	
3/4 to 2	1/4	3/8	1/8	6-1/2	.23	471	6
1-1/4 to 3	9/32	1/2	5/32	8-1/16	.43	472	6
2 to 4-3/4	11/32	17/32	7/32	11-3/16	1.03	474	6
4-1/2 to 6-1/4	11/32	17/32	1/4	12	1.07	474A	6
6-1/8 to 8-3/4	11/32	17/32	5/16	13-5/16	1.40	474B	6



Adjustable Pin Spanner

Capacity Range	Thickness		Pin Size		Overall Length	Weight Each (lb)	Part No.	Std. Pkg. Qty.
	Handle	Hook	Diameter	Length			Industrial Black	
	A	B	C	D	E			
3/4 to 2	1/4	3/8	1/8	1/8	6-1/2	.23	0471	6
3/4 to 2	1/4	3/8	3/16	5/32	6-1/2	.23	0471A	6
1-1/4 to 3	9/32	1/2	3/16	3/16	8-1/16	.42	0472	6
1-1/4 to 3	9/32	1/2	1/4	7/32	8-1/16	.42	0472A	6
2 to 4-3/4	11/32	17/32	1/4	1/4	11-3/16	.99	0474	6
4-1/2 to 6-1/4	11/32	17/32	3/8	1/4	12-3/16	1.08	0474A	6



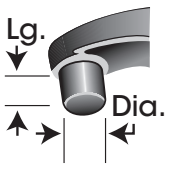
Adjustable Spanner Wrench Sets

SPW6K

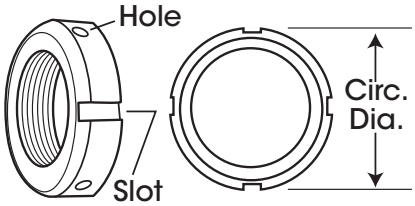
CAPACITY RANGE	PART NO.
3/4 to 2	0471
3/4 to 2	0471A
1-1/4 to 3	0472
1-1/4 to 3	0472A
2 to 4-3/4	0474
4-1/2 to 6-1/4	0474A
Kit Bag	C60B

SHW5K

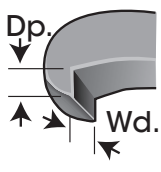
CAPACITY RANGE	PART NO.
3/4 to 2	471
1-1/4 to 3	472
2 to 4-3/4	474
4-1/2 to 6-1/4	474A
6-1/8 to 8-3/4	474B
Kit Bag	C60B



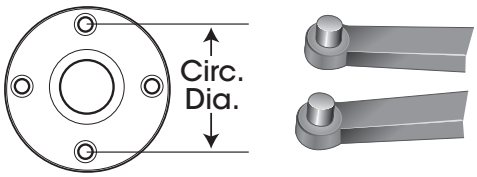
Adjustable Pin Spanner



Pins fit into the holes or slots on the side of the flange or collar.



Adjustable Hook Spanner

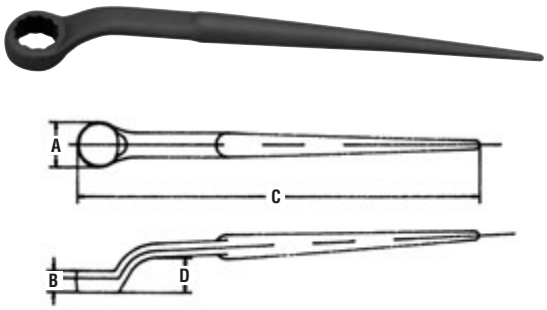


Pins fit into the holes or slots on the face of the flange or collar.

Adjustable Face Spanner

Structural Box Wrenches

Wrench Opening	Diameter of Head A	Thickness of Head B	Length C	Offset at End D	Weight Each (lb)	Part Number	Std. Pkg. Qty.	Wrench Opening
13/16	1-15/32	11/16	12	1-25/32	1.3	8905A	1	13/16
7/8	1-15/32	11/16	12	1-25/32	1.3	8905	1	7/8
15/16	1-5/8	13/16	13	1-61/64	1.3	8906	1	15/16
1	1-5/8	13/16	13	1-61/64	1.3	8906B	1	1
1-1/16	1-53/64	7/8	15	2-9/64	1.9	8907	1	1-1/16
1-1/8	1-53/64	7/8	15	2-9/64	1.9	8907A	1	1-1/8
1-1/4	2-5/64	15/16	17	2-21/64	2.6	8908	1	1-1/4
1-5/16	2-5/64	15/16	17	2-21/64	2.0	8908A	1	1-5/16
1-7/16	2-3/8	1-1/8	19	2-3/4	3.5	8909	1	1-7/16
1-1/2	2-3/8	1-1/8	19	2-3/4	3.5	8909A	1	1-1/2
1-5/8	2-5/8	1-3/16	21	2-7/8	4.8	8910	1	1-5/8
1-11/16	2-5/8	1-3/16	21	2-7/8	4.7	8910A	1	1-11/16
1-13/16	2-29/32	1-1/4	22	3	6.6	8911	1	1-13/16
1-7/8	2-29/32	1-1/4	22	3	6.6	8911A	1	1-7/8
2	3-5/32	1-3/8	24	3-5/32	6.5	8912	1	2
2-3/16	3-15/32	1-1/2	26	3-1/2	7.3	8913	1	2-3/16
2-3/8	3-23/32	1-5/8	28	3-11/16	8.5	8914	1	2-3/8
2-9/16	3-29/32	1-3/4	29	3-13/16	9.2	8915	1	2-9/16
2-3/4	4-5/32	1-7/8	30	3-9/32	9.8	8916	1	2-3/4



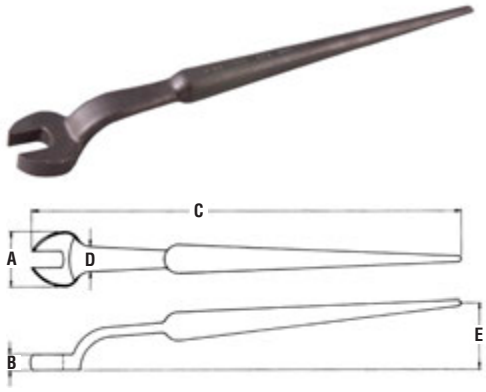
Structural Box Wrench Heads are Offset from Handle to Permit Clearance of Obstructions

Industrial Black

Handles are Tapered to Align Bolt Holes

Structural Wrenches Offset

Wrench Opening	Diameter of Head A	Thickness of Head B	Length C	Handle at Head D	Offset at End E	Wt. Ea. (lb)	Part Number	Std. Pkg. Qty.	Wrench Opening
9/16	1-9/16	7/16	12	13/16	1-11/16	.56	901B	1	9/16
5/8	1-9/16	7/16	12	13/16	1-11/16	.56	903A	1	5/8
11/16	1-9/16	7/16	12	13/16	1-11/16	.56	903	1	11/16
3/4	1-9/16	7/16	12	13/16	1-11/16	.70	904A	1	3/4
13/16	2	17/32	14-1/2	15/16	1-7/8	1.3	905A	1	13/16
7/8	2	17/32	14-1/2	15/16	1-7/8	1.3	905	1	7/8
15/16	2	17/32	14-1/2	15/16	1-7/8	1.3	906C	1	15/16
1	2	17/32	14-1/2	15/16	1-7/8	1.3	906B	1	1
1-1/16	2-1/4	5/8	16	1-1/16	2-3/8	1.9	907	1	1-1/16
1-1/8	2-1/4	5/8	16	1-1/16	2-3/8	1.9	907A	1	1-1/8
1-1/4	2-13/16	11/16	19	1-1/4	2-3/4	2.6	908	1	1-1/4
1-5/16	2-13/16	11/16	19	1-1/4	2-3/4	2.6	908A	1	1-5/16
1-7/16	3-1/8	3/4	20	1-1/4	3-1/16	3.5	909	1	1-7/16
1-1/2	3-1/8	3/4	20	1-1/4	3-1/16	3.5	909A	1	1-1/2
1-5/8	3-19/32	13/16	23	1-1/2	3-3/8	4.8	910	1	1-5/8
1-11/16	3-19/32	13/16	23	1-1/2	3-3/8	4.7	910A	1	1-11/16
1-13/16	4-1/8	13/16	24	1-5/8	3-11/16	6.6	911	1	1-13/16
1-7/8	4-1/8	13/16	24	1-5/8	3-11/16	6.6	911A	1	1-7/8
2	4-1/8	13/16	24	1-5/8	3-11/16	6.5	912	1	2



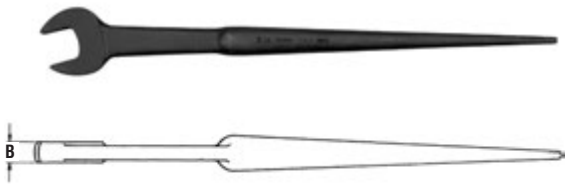
Structural Wrench Heads are Offset from Handle to Permit Clearance of Obstructions

Handles are Tapered to Align Bolt Holes

Construction and Box Wrenches

Construction Wrench 15° Angle

Wrench Opening	Diameter of Head A	Thickness of Head B	Length C	Weight Each (lb)	Part Number	Std. Pkg. Qty.	Wrench Opening
5/8	1-9/16	7/16	12	.62	203A	1	5/8
11/16	1-9/16	7/16	12	.62	203	1	11/16
3/4	1-9/16	7/16	12	.58	204A	1	3/4
7/8	2	17/32	14-1/2	2.0	205	1	7/8
15/16	2	17/32	14-1/2	2.0	206C	1	15/16
1	2	17/32	14-1/2	2.0	206B	1	1
1-1/16	2-1/4	5/8	17	1.8	207	1	1-1/16
1-1/8	2-1/4	5/8	17	1.8	207A	1	1-1/8
1-1/4	2-5/8	11/16	19	2.7	208	1	1-1/4
1-5/16	2-5/8	11/16	19	2.7	208A	1	1-5/16
1-7/16	2-5/8	11/16	19	2.6	209	1	1-7/16
1-1/2	2-5/8	11/16	19	2.6	209A	1	1-1/2
1-5/8	4	15/16	22-11/16	7.0	210	1	1-5/8
1-11/16	4	15/16	22-11/16	7.0	210A	1	1-11/16
1-13/16	4	15/16	22-11/16	6.9	211	1	1-13/16
1-7/8	4	15/16	22-11/16	6.9	211A	1	1-7/8
2	4	15/16	22-11/16	6.8	212	1	2



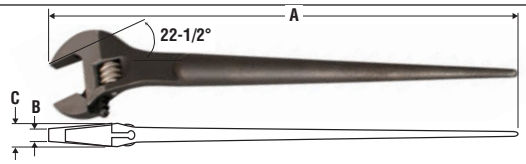
Drop Forged from High Grade Carbon Steel, through Hardening

Straight Handle with 15° Angle Opening

Handles are Tapered to Align Bolt Holes

Adjustable Construction Wrench

Wrench Opening	Size Length	Thickness of Head		Weight Each (lb)	Part Number	Std. Pkg. Qty.	Wrench Opening
		Jaw Tip	Extreme				
	A	B	C				
1-1/2	16	7/32	9/16	2.3	A200T	1	1-1/2



Ratcheting Construction Wrench

Wrench Opening	Size Length	Thickness of Head		Weight Each (lb)	Part Number	Std. Pkg. Qty.	Wrench Opening
		Jaw Tip	Extreme				
	A	B	C				
1/2 DR	16	7/32	9/16	2	R200	1	1/2 DR

Barrel Drift Pins

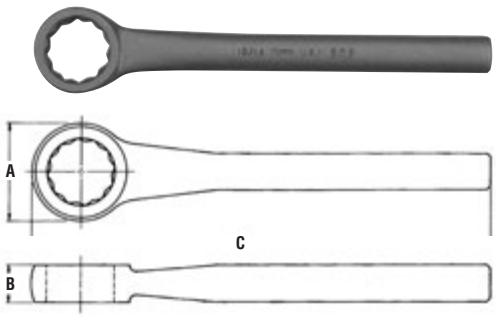
Standard Diameter	Overall Length	Length of Taper	Point Size	Weight Each (lb)	Part Number	Std. Pkg. Qty.
15/16	8-1/2	2-1/2	7/16	1.1	635	1
1-1/16	8-1/2	2-1/2	9/16	1.5	636	1

Broad Head Bull Pins

Standard Diameter	Overall Length	Length of Taper	Point Size	Weight Each (lb)	Part Number	Std. Pkg. Qty.
1-1/16	10	8	1/4	1.6	649	1
1-1/4	13	10	5/16	3.0	650	1

Box Wrenches

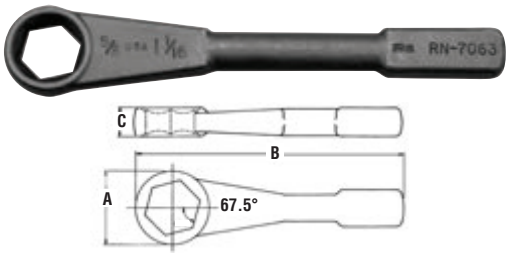
Wrench Opening	Diameter of Head A	Thickness of Head B	Length C	Weight Each (lb)	Part Number	Std. Pkg. Qty.	Wrench Opening
1/2	29/32	3/8	6-25/32	.28	801	6	1/2
9/16	1-1/32	7/16	6-25/32	.30	802A	6	9/16
5/8	1-1/16	1/2	7-1/8	.38	803A	6	5/8
11/16	1-1/8	1/2	7-3/16	.45	803	6	11/16
3/4	1-7/32	9/16	7-7/16	.53	804A	6	3/4
7/8	1-3/8	5/8	7-1/2	.60	805	6	7/8
15/16	1-7/16	5/8	7-13/16	.63	806	6	15/16
1	1-9/16	11/16	7-13/16	.69	806B	6	1
1-1/16	1-5/8	3/4	7-15/16	.78	807	6	1-1/16
1-1/8	1-11/16	25/32	7-15/16	.83	807A	6	1-1/8
1-1/4	1-23/32	13/16	7-15/16	.83	808	6	1-1/4
1-1/2	2-3/16	7/8	10	1.6	809A	6	1-1/2



12 Point Box Opening

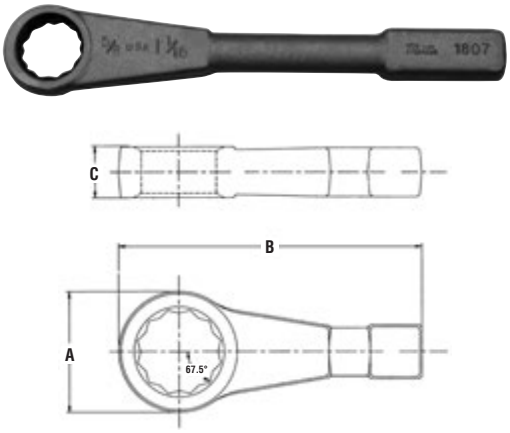
Striking Face
6 and 12 Point Box Wrenches

Wrench Opening	Diameter of Head A	Thickness of Head B	Length C	Wt. Ea. (lb)	Part No.	Std. Pkg. Qty.	Wrench Opening
1-1/16	1-25/32	9-7/8	5/8	1.9	RN7063	1	1-1/16
1-1/4	2	10-1/4	23/32	2.1	RN7075	1	1-1/4
1-7/16	2-17/64	10-9/16	7/8	2.6	RN7088	1	1-7/16
1-5/8	2-31/64	11	61/64	2.9	RN7100	1	1-5/8
1-13/16	2-21/32	11-5/16	63/64	3.5	RN7113	1	1-13/16
2	3-1/32	11-11/16	1-7/32	4.0	RN7125	1	2
2-3/16	3-9/32	12	1-1/4	5.2	RN7138	1	2-3/16
2-3/8	3-13/32	12-3/8	1-7/16	6.0	RN7150	1	2-3/8
2-9/16	3-3/4	12-11/16	1-17/32	6.6	RN7163	1	2-9/16
2-3/4	4-11/64	13-1/16	1-17/32	7.5	RN7175	1	2-3/4
2-15/16	4-23/64	13-7/16	1-17/32	7.9	RN7188	1	2-15/16
3-1/8	4-31/64	13-13/16	1-5/8	9.4	RN7200	1	3-1/8
3-1/2	4-31/32	14-1/8	1-23/32	10.5	RN7225	1	3-1/2
3-7/8	5-35/64	14-1/2	1-23/32	13.3	RN7250	1	3-7/8



Roughneck "Hammer Wrench"
Straight Pattern — 6 Point
Alloy Steel — Drop Forged

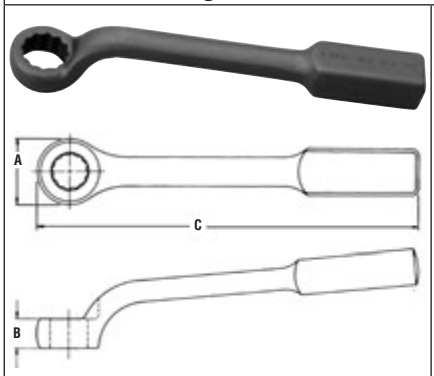
Wrench Opening	Diameter of Head A	Thickness of Head B	Length C	Wt. Ea. (lb)	Part No.	Std. Pkg. Qty.	Wrench Opening
1	1-25/32	9-7/8	5/8	1.9	1807B	1	1
1-1/16	1-25/32	9-7/8	5/8	1.9	1807	1	1-1/16
1-1/8	1-25/32	9-7/8	5/8	1.9	1807A	1	1-1/8
1-3/16	2	10-1/4	23/32	2.1	1808B	1	1-3/16
1-1/4	2	10-1/4	23/32	2.1	1808	1	1-1/4
1-5/16	2	10-1/4	23/32	2.1	1808A	1	1-5/16
1-3/8	2-17/64	10-9/16	7/8	2.6	1809B	1	1-3/8
1-7/16	2-17/64	10-9/16	7/8	2.6	1809	1	1-7/16
1-1/2	2-17/64	10-9/16	7/8	2.6	1809A	1	1-1/2
1-5/8	2-31/64	11	61/64	2.9	1810	1	1-5/8
1-11/16	2-31/64	11	61/64	2.9	1810A	1	1-11/16
1-3/4	2-21/32	11-5/16	63/64	3.5	1811B	1	1-3/4
1-13/16	2-21/32	11-5/16	63/64	3.5	1811	1	1-13/16
1-7/8	2-21/32	11-5/16	63/64	3.5	1811A	1	1-7/8
1-15/16	3-1/32	11-11/16	1-7/32	4.0	1812A	1	1-15/16
2	3-1/32	11-11/16	1-7/32	4.0	1812	1	2
2-1/16	3-1/32	11-11/16	1-7/32	4.0	1812B	1	2-1/16
2-1/8	3-9/32	12	1-1/4	5.2	1813B	1	2-1/8
2-3/16	3-9/32	12	1-1/4	5.2	1813	1	2-3/16
2-1/4	3-13/32	12-3/8	1-7/16	6.0	1813A	1	2-1/4
2-3/8	3-13/32	12-3/8	1-7/16	6.0	1814	1	2-3/8
2-7/16	3-3/4	12-11/16	1-17/32	6.5	1815B	1	2-7/16
2-1/2	3-3/4	12-11/16	1-17/32	6.5	1815C	1	2-1/2
2-9/16	3-3/4	12-11/16	1-17/32	6.5	1815	1	2-9/16
2-5/8	3-3/4	12-11/16	1-17/32	6.5	1815A	1	2-5/8
2-3/4	4-11/64	13-1/16	1-17/32	7.5	1816	1	2-3/4
2-13/16	4-23/64	13-7/16	1-17/32	7.9	1816C	1	2-13/16
2-15/16	4-23/64	13-7/16	1-17/32	7.9	1816B	1	2-15/16
3	4-31/64	13-13/16	1-5/8	9.4	1817A	1	3
3-1/8	4-31/64	13-13/16	1-5/8	9.4	1817	1	3-1/8
3-3/8	4-31/32	14-1/8	1-23/32	10.5	1818A	1	3-3/8
3-1/2	4-31/32	14-1/8	1-23/32	10.5	1818	1	3-1/2
3-3/4	5-35/64	14-1/2	1-23/32	13.3	1819B	1	3-3/4
3-7/8	5-35/64	14-1/2	1-23/32	13.3	1819	1	3-7/8
4-1/8	6-3/4	16-7/32	2-7/8	20.8	1820B	1	4-1/8
4-1/4	6-3/4	16-7/32	2-7/8	20.1	1820	1	4-1/4
4-1/2	7-1/4	18-7/32	3	35.2	1821B	1	4-1/2
4-5/8	7-1/4	18-7/32	3	38.0	1821	1	4-5/8
4-3/4	7-1/4	18-7/32	3	38.2	1822	1	4-3/4
32 mm	50.8 mm	260.4 mm	18.3 mm	2.1	1832MM	1	32 mm
36 mm	57.7 mm	268.2 mm	22.4 mm	2.6	1836MM	1	36 mm
41 mm	63.0 mm	279.4 mm	24.1 mm	2.9	1841MM	1	41 mm
46 mm	67.6 mm	287.3 mm	24.9 mm	3.5	1846MM	1	46 mm
50 mm	67.6 mm	287.3 mm	24.9 mm	3.5	1850MM	1	50 mm
55 mm	83.3 mm	304.8 mm	31.8 mm	5.2	1855MM	1	55 mm
60 mm	86.6 mm	314.5 mm	36.6 mm	6.0	1860MM	1	60 mm
65 mm	95.3 mm	322.3 mm	38.9 mm	6.6	1865MM	1	65 mm
70 mm	105.9 mm	331.7 mm	38.9 mm	7.5	1870MM	1	70 mm
75 mm	110.7 mm	341.4 mm	38.9 mm	7.9	1875MM	1	75 mm
80 mm	113.8 mm	350.8 mm	41.1 mm	9.4	1880MM	1	80 mm



Roughneck "Hammer Wrench"
Straight Pattern — 12 Point
Alloy Steel — Drop Forged
SAE and Metric

Striking Box, Strike Free & Wrench Retainers

Striking Face Box Wrenches - Offset



Offset Pattern — 12 Point

Black Industrial Finish

Drop Forged

SAE and Metric

Wrench Opening	Diameter of Head	Thickness of Head	Length	Weight Each	Part Number	Std. Pkg. Qty.
	A	B	C			
1	1-25/32	3/4	10	1.9	8807 B	1
1-1/16	1-25/32	3/4	10	1.9	8807	1
1-1/8	1-25/32	3/4	10	1.8	8807A	1
1-3/16	2-1/16	27/32	11	2.6	8808B	1
1-1/4	2-1/16	27/32	11	2.6	8808	1
1-5/16	2-1/16	27/32	11	2.6	8808A	1
1-3/8	2-25/64	15/16	11-1/2	3.4	8809B	1
1-7/16	2-25/64	15/16	11-1/2	3.4	8809	1
1-1/2	2-25/64	15/16	11-1/2	3.3	8809A	1
1-5/8	2-21/32	1-1/16	12	4.0	8810	1
1-11/16	2-21/32	1-1/16	12	4.0	8810A	1
1-3/4	2-21/32	1-1/16	12	3.9	8811B	1
1-13/16	3-3/32	1-3/16	13	5.4	8811	1
1-7/8	3-3/32	1-3/16	13	5.4	8811A	1
1-15/16	3-3/32	1-3/16	13	5.3	8812A	1
2	3-3/32	1-3/16	13	5.2	8812	1
2-1/8	3-17/32	1-5/16	13-1/2	6.9	8813B	1
2-3/16	3-17/32	1-5/16	13-1/2	6.9	8813	1
2-1/4	3-17/32	1-5/16	13-1/2	6.7	8813A	1
2-5/16	3-13/16	1-7/16	14	8.1	8814A	1
2-3/8	3-13/16	1-7/16	14	7.8	8814	1
2-1/2	3-13/16	1-7/16	14	7.8	8815B	1
2-9/16	4-7/32	1-5/8	15	10.6	8815	1
2-5/8	4-7/32	1-5/8	15	10.5	8815A	1
2-3/4	4-7/32	1-5/8	15	10.2	8816	1
2-7/8	4-25/32	1-7/8	16	14.0	8816C	1
2-15/16	4-25/32	1-7/8	16	13.8	8816B	1
3	4-25/32	1-7/8	16	13.7	8817	1
3-1/8	4-25/32	1-7/8	16	13.3	8817A	1
3-3/8	6-1/4	2-3/8	18	26.7	8818A	1
3-1/2	6-1/4	2-3/8	18	26.3	8818	1
3-3/4	6-1/4	2-3/8	18	25.3	8819B	1
3-7/8	6-1/4	2-3/8	18	24.8	8819	1
4-1/8	6-1/4	2-3/8	18	23.6	8819C	1
4-1/4	6-1/4	2-3/8	18	22.9	8819A	1
32 mm	52.5 mm	21.5 mm	279.5 mm	2.6	8832MM	1
36 mm	60.5 mm	24.0 mm	292.0 mm	3.4	8836MM	1
41 mm	67.5 mm	27.0 mm	305.0 mm	4.0	8841MM	1
46 mm	78.5 mm	30.0 mm	330.0 mm	5.4	8846MM	1
50 mm	78.5 mm	30.0 mm	330.0 mm	5.2	8850MM	1
55 mm	89.5 mm	33.5 mm	343.0 mm	6.9	8855MM	1
60 mm	97.0 mm	36.5 mm	355.5 mm	7.8	8860MM	1
65 mm	107.0 mm	41.5 mm	381.0 mm	10.6	8865MM	1
70 mm	107.0 mm	41.5 mm	381.0 mm	10.2	8870MM	1
75 mm	121.5 mm	47.5 mm	406.5 mm	13.8	8875MM	1
80 mm	121.5 mm	47.5 mm	406.5 mm	13.3	8880MM	1

Tube or Strike Free Wrench

24" Handle		36" Handle			
24TWH		36TWH			
Part Number	Opening	Part Number	Opening	Part Number	Opening
8707	1-1/16	8710A	1-11/16	8714	2-3/8
8707A	1-1/8	8711B	1-3/4	8715B	2-1/2
8708B	1-3/16	8711	1-13/16	8715	2-9/16
8708	1-1/4	8711A	1-7/8	8715A	2-5/8
8708A	1-5/16	8712A	1-15/16	8716	2-3/4
8709B	1-3/8	8712	2	8716C	2-7/8
8709	1-7/16	8713B	2-1/8	8716B	2-15/16
8709A	1-1/2	8713	2-3/16	8717	3
8710	1-5/8	8713A	2-1/4	8717A	3-1/8
–	–	8714A	2-5/16	–	–

Wrench Retainer

Part Number	Fits Stud Size	Length	Weight (lb)
HT58	5/8" – 11	2"	8 oz
HT34	3/4" – 10	2-3/16"	10 oz
HT78	7/8" – 9	2-3/8"	13 oz
HT100	1" – 8	2-1/2"	1
HT118	1-1/8" – 8	2-11/16"	1.1
HT114	1-1/4" – 8	2-7/8"	1.4
HT138	1-3/8" – 8	3-1/16"	1.5
HT112	1-1/2" – 8	3-1/4"	1.6
HT158	1-5/8" – 8	3-3/8"	1.9
HT134	1-3/4" – 8	3-9/16"	2.1
HT178	1-7/8" – 8	3-3/4"	2.4
HT200	2" – 8	3-15/16"	2.5
HT214	2-1/4" – 8	4-1/4"	2.9
HT212	2-1/2" – 8	4-5/8"	3.6

Wrench Retainer Set

Part Number	Description	Weight (lb)
HT34178	Set of 10, 1 of each size HT34 to HT178	22

Hex Key Sets

Hex Key Wrench Sets

Part Number	Approx. Wt. (lb)	Quantity
13S	.75	1

Contains 13 keys, short arm series, each in a separate size-marked pocket, inch sizes: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8.
Kit Bag C691

Part Number	Approx. Wt. (lb)	Quantity
11SA	.6	1

11 keys, short arm series, inch sizes: .050, 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8.
Kit Bag C691

Part Number	Approx. Wt. (lb)	Quantity
9L	.9	1

9 keys, 6" long arm series, inch sizes: 5/64, 3/32, 1/8, 5/32, 3/16, 17/32, 1/4, 5/16, 3/8.
Kit Bag C591

Part Number	Approx. Wt. (lb)	Quantity
9S	.3	1

9 keys, short arm series, inch sizes: 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8.
Kit Bag C691

Part Number	Approx. Wt. (lb)	Quantity
9SM	.58	1

9 metric keys, short arm series, mm sizes: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10.
Kit Bag C691

Part Number	Approx. Wt. (lb)	Quantity
7S	.25	1

7 keys, short arm series, inch sizes: 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4.
Kit Bag C791

Part Number	Approx. Wt. (lb)	Quantity
11S	1.6	1

11 keys, short arm series, inch sizes: 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2, 9/16.
Kit Bag C691

Part Number	Approx. Wt. (lb)	Quantity
7SM	.66	1

7 metric keys, short arm series, mm sizes: 2, 2.5, 3, 4, 5, 6, 8.
Kit Bag C691

JacKey Wrench Sets

Part Number	Approx. Wt. (lb)	Quantity
5LK	1.62	1

JacKey® Set with 5 long bits in inch sizes: 3/16, 7/32, 1/4, 5/16, 3/8.
Bit lengths 33/8" - 5".
Handle length 5-1/4".

Part Number	Approx. Wt. (lb)	Quantity
9LK	1.06	1

JacKey® Set with 9 bits in inch sizes: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16.

Part Number	Approx. Wt. (lb)	Quantity
7LKM	.15	1

Metric JacKey® Set with 7 bits in mm sizes: 1.5, 2, 2.5, 3, 4, 5, 6.
Bit lengths 38-50 mm.
Handle length 100 mm.

Part Number	Approx. Wt. (lb)	Quantity
8SK	.3	1

JacKey® Set with 8 bits in inch sizes: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32.
Bit lengths 2" - 2-1/2".
Handle length 3".

Part Number	Approx. Wt. (lb)	Quantity
8LK	2.02	1

JacKey® Set with 8 long bits in inch sizes: 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4.
Bit lengths 5" - 5-1/2".
Handle length 6-1/4".

Part Number	Approx. Wt. (lb)	Quantity
9SK	1.06	1

JacKey® Set with 9 bits in inch sizes: 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4.
Bit lengths 3" - 3-1/2".
Handle length 4".

Part Number	Approx. Wt. (lb)	Quantity
8SC	.34	1

Handle Length: 3-1/2".
Contains 8 bits in inch sizes:
.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32.

Part Number	Approx. Wt. (lb)	Quantity
7SCM	.4	1

Handle Length: 3-1/2".
Contains 7 bits in metric sizes:
1.5, 2, 2.5, 3, 4, 5, 6.

Part Number	Approx. Wt. (lb)	Quantity
9SC	.34	1

Handle Length: 3-1/2".
Contains 9 bits in inch sizes:
.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16.

Part Number	Approx. Wt. (lb)	Quantity
9SAC	.6	1

Handle Length: 4-1/4".
Contains 9 bits in inch sizes:
5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4.

Part Number	Approx. Wt. (lb)	Quantity
7SCT	.34	1

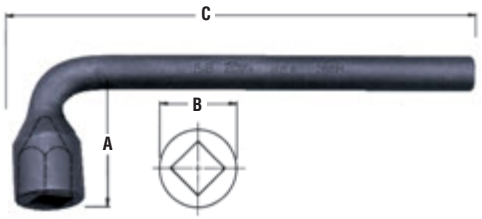
Handle Length: 4-1/4".
Contains 7 TORX® bits:
T-10, T-15, T-20, T-25, T-27, T-30, T-40.

Offset & Tee-Handle Socket Wrenches

Offset Socket Wrench

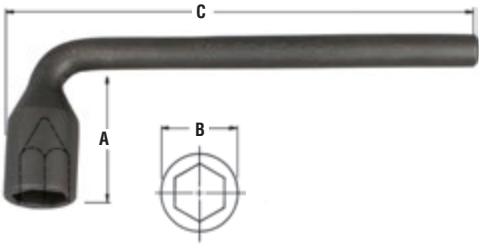
- Forged from High Grade Carbon Steel
- Special Bends, Lengths Available as Made-to-Order.

Square Opening – 4-Point



Wrench Opening	Handle Offset in Clear from Face of Wrench	Diameter of Head	Length	Weight Each (lb)	Part Number	Std. Pkg. Qty.	Wrench Opening
	A	B	C				
1/4	13/16	1/2	3-3/8	.07	261J	6	1/4
5/16	1	5/8	3-7/8	.12	262H	6	5/16
3/8	1-1/8	11/16	4-5/16	.23	263H	6	3/8
7/16	1-1/8	7/8	5-7/8	.42	265H	6	7/16
1/2	1-1/4	1	6-1/4	.59	266H	6	1/2
9/16	1-7/16	1-1/8	6-3/4	.85	267H	6	9/16
5/8	1-9/16	1-1/4	7-1/2	.94	268H	6	5/8
3/4	1-5/8	1-3/8	8-3/8	1.2	269H	6	3/4
1-1/4	3	2-3/8	14-7/8	5.3	276H	1	1-1/4

Hexagon Opening – 6-Point

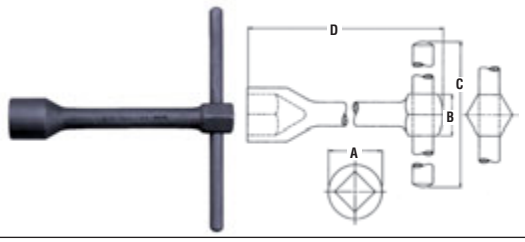


Wrench Opening	Handle Offset in Clear from Face of Wrench	Diameter of Head	Length	Weight Each (lb)	Part Number	Std. Pkg. Qty.	Wrench Opening
	A	B	C				
7/16	1-1/8	11/16	4-5/16	.21	263D	6	7/16
1/2	1-1/4	3/4	5-1/8	.33	264A	6	1/2
9/16	1-7/16	7/8	5-7/8	.46	265D	6	9/16
5/8	1-9/16	1	6-1/4	.53	266D	6	5/8
3/4	1-5/8	1-1/8	6-3/4	.79	267D	6	3/4
7/8	2-1/4	1-3/8	8-3/8	1.02	269A	6	7/8
15/16	2-1/4	1-1/2	9-1/8	1.7	270S	6	15/16
1-1/16	2-3/4	1-5/8	10	1.8	271A	1	1-1/16
1-1/8	2-3/4	1-5/8	10	1.9	271D	1	1-1/8
1-1/4	3	1-7/8	11-5/8	2.7	273A	1	1-1/4
1-7/16	3-1/4	2-1/8	13-1/4	4.1	275A	1	1-7/16
1-1/2	3-1/4	2-1/8	13-1/4	4.1	275D	1	1-1/2
1-5/8	3-1/2	2-3/8	14-7/8	5.8	276A	1	1-5/8

Tee-Handle Socket Wrench

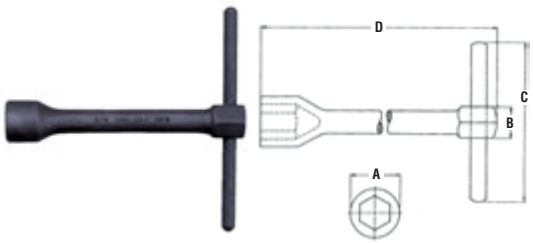
- Upset Forged from Carbon Steel
- Special Lengths Can Be Ordered in Quantities
- Pin Handle Can Be Removed, Enabling Use of a Wrench on Hex End of Shank

Square Opening – 4-Point



Wrench Opening	Diameter of Head	Size Hex on Handle End	Length of Pin Handle	Overall Length	Weight Each (lb)	Part Number	Std. Pkg. Qty.	Wrench Opening
	A	B	C	D				
3t /16	1/2	13/32	4-1/2	4-1/4	.12	961H	6	3/16
1/4	1/2	13/32	4-1/2	4-1/4	.12	961J	6	1/4
5/16	5/8	17/32	4-1/2	4-1/2	.17	962H	6	5/16
3/8	11/16	5/8	4-1/2	4-7/8	.29	963H	6	3/8
7/16	7/8	3/4	5-1/2	5-3/4	.57	965H	12	7/16
1/2	1	3/4	6-1/8	6-1/8	.68	966H	12	1/2
9/16	1-1/8	7/8	6-1/8	6-1/2	.94	967H	6	9/16
5/8	1-1/4	7/8	7	7	1.18	968H	6	5/8
3/4	1-3/8	7/8	7	73/8	1.20	969H	1	3/4
7/8	1-5/8	1-1/4	8-1/4	8-1/4	2.2	971H	1	7/8

Hexagon Opening – 6-Point



Wrench Opening	Diameter of Head	Size Hex on Handle End	Length of Pin Handle	Overall Length	Weight Each (lb)	Part Number	Std. Pkg. Qty.	Wrench Opening
	A	B	C	D				
5/16	1/2	13/32	4-1/2	4-1/4	.12	961A	6	5/16
3/8	5/8	17/32	4-1/2	4-1/2	.17	962D	6	3/8
7/16	11/16	5/8	4-1/2	4-7/8	.28	963D	6	7/16
1/2	3/4	11/16	5-1/2	5-1/4	.40	964A	12	1/2
9/16	7/8	3/4	5-1/2	5-3/4	.56	965D	12	9/16
5/8	1	3/4	6-1/8	6-1/8	.68	966D	12	5/8
11/16	1-1/8	7/8	6-1/8	6-1/2	.94	967A	6	11/16
3/4	1-1/8	7/8	6-1/8	6-1/2	.91	967D	6	3/4
7/8	1-3/8	7/8	7	7-3/8	1.24	969A	1	7/8
15/16	1-1/2	1-1/16	7-7/8	7-7/8	1.8	970S	1	15/16
1	1-1/2	1-1/16	7-7/8	7-7/8	1.9	970D	1	1
1-1/16	1-5/8	1-1/4	8-1/4	8-1/4	2.3	971A	1	1-1/16
1-1/8	1-5/8	1-1/4	8-1/4	8-1/4	2.2	971D	1	1-1/8
1-1/4	1-7/8	1-1/4	8-1/4	9-1/8	3.0	973A	1	1-1/4
1-5/16	1-7/8	1-1/4	8-1/4	9-1/8	2.9	973B	1	1-5/16
1-1/2	2-1/8	1-7/16	8-1/4	10	3.8	975D	1	1-1/2
1-5/8	2-3/8	1-5/8	10-3/8	10-3/8	5.5	976A	1	1-5/8

Mechanic's Starter Set Industrial

Tool Box Included - BX21

M46K

ADJUSTABLE WRENCHES	
6"	A6

COMBINATION WRENCH SET	
1/4"	1158
5/16"	1159
3/8"	1160
7/16"	1161
1/2"	1162
9/16"	1163
5/8"	1164
11/16"	1165
3/4"	1166
13/16"	1167A
7/8"	1167
Kit Bag	C110
Kit Bag	C55
15/16"	1168
1"	1170
1-1/16"	1171
1-1/8"	1172
1-1/4"	1173

HAMMERS	
12 oz Ball Peen	104G

PLIERS & SCREWDRIVERS	
8" Combination Slip Joint Pliers	P208
6" Diagonal Cutting Pliers	P206
6-1/2" Long Chain Nose Side Cutting Pliers	P506
6" Square Blade Screwdriver	SDS6
6" No. 3 Phillips Screwdriver	SDP6

3/8" DRIVE SOCKET SET	
1/4"	B1208
5/16"	B1210
3/8"	B1212
7/16"	B1214
1/2"	B1216
9/16"	B1218
5/8"	B1220
11/16"	B1222
3/4"	B1224
15/16 × 15/16	3719
1 × 1	3720
Kit Bag	C111
13/16"	B1226
7/8"	B1228
15/16"	B1230
1"	B1232
7" Rev. Ratchet	B52
3" Ext	B103
6" Ext.	B105
Universal	B140A
Flex Handle	B40A

CHISEL & PUNCH	
3/16" Pin Punch	P6
1/4" Center Punch	P38
1/2" Cold Chisel	C16
7/16"	1161

M46KM

ADJUSTABLE WRENCHES	
6"	A6

COMBINATION WRENCH SET	
7 mm	1107MM
8 mm	1108MM
9 mm	1109MM
10 mm	1110MM
11 mm	1111MM
12 mm	1112MM
13 mm	1113MM
14 mm	1114MM
15 mm	1115MM
16 mm	1116MM
17 mm	1117MM
Kit Bag	C110
Kit Bag	C55
24 mm	1124MM
26 mm	1126MM
28 mm	1128MM
29 mm	1129MM
30 mm	1130MM

HAMMERS	
12 oz Ball Peen	104G

PLIERS & SCREWDRIVERS	
8" Combination Slip Joint Pliers	P208
6" Diagonal Cutting Pliers	P206
6-1/2" Long Chain Nose Side Cutting Pliers	P506
6" Square Blade Screwdriver	SDS6
6" No. 3 Phillips Screwdriver	SDP6

3/8" DRIVE SOCKET SET	
8 mm	BM1208
9 mm	BM1209
10 mm	BM1210
11 mm	BM1211
12 mm	BM1212
13 mm	BM1213
14 mm	BM1214
15 mm	BM1215
16 mm	BM1216
17 mm	BM1217
18 mm	BM1218
19 mm	BM1219
Adaptor	BS130
7" Rev. Ratchet	B52
3" Ext	B103
6" Ext.	B105
Universal	B140A
Flex Handle	B40A

CHISEL & PUNCH	
3/16" Pin Punch	P6
1/4" Center Punch	P38
1/2" Cold Chisel	C16
7/16"	1161

Mechanic's Set
Industrial

Tool Box Included - BX26

M100K

3/8" DRIVE SOCKET SET	
1/4"	B1208
5/16"	B1210
3/8"	B1212
7/16"	B1214
1/2"	B1216
9/16"	B1218
5/8"	B1220
11/16"	B1222
3/4"	B1224
13/16"	B1226
7/8"	B1228
15/16"	B1230
1"	B1232
3" Ext	B103
6" Ext.	B105
Flex Handle	B40A
Universal Joint	B140A
7" Rev. Ratchet	B52

COMBINATION WRENCHES	
1/4"	1158
5/16"	1159
3/8"	1160
7/16"	1161
1/2"	1162
9/16"	1163
5/8"	1164
11/16"	1165
3/4"	1166
13/16"	1167A
7/8"	1167
Kit Bag	C110
5/16"	1168
1"	1170
1-1/16"	1171
1-1/8"	1172
1-1/4"	1173
Kit Bag	C55

CHISEL & PUNCH	
3/16" Pin	P6
3/16" Center	P40
1/2" Cold	C16
1/4" Pin	P8
1/4" Center	P42
3/4" Cold	C24
1/16" Pin	P2
1/4" Taper	P27

HEX KEY WRENCH SET	
13 pcs. Short Arm Series	13S

1/2" DRIVE SOCKET SET	
3/8"	ST1212
7/16"	ST1214
1/2"	ST1216
9/16"	ST1218
5/8"	ST1220
11/16"	ST1222
3/4"	ST1224
13/16"	ST1226
7/8"	ST1228
15/16"	ST1230
1"	ST1232
1-1/16"	ST1234
1-1/8"	ST1236
1-3/16"	ST1238
1-1/4"	ST1240
5" Ext	S110P
10" Ext.	S115P
Flex Handle	SF41
Rev. Ratchet	SF51

FLARE NUT WRENCHES	
3/8"	4112
7/16"	4114
1/2"	4116
9/16"	4118

C-CLAMPS	
0 - 3"	CC403
0 - 6-1/16"	CC406

HAMMERS	
12 oz	104G
1.50 lb	HSB15
1.25 lb	HPD1

SCREWDRIVERS & PLIERS	
8" Combo	P208
6" Diagonal	P206
6-1/2" Chain Nose	P506
10" Groove	P510
4" Square Blade	SDS4
6" Square Blade	SDS6
10" Square Blade	SDS10
3" Phillips No. 1	SDP3
4" Phillips No. 2	SDP4
6" Phillips No. 3	SDP6
1-1/2" Stubby No. 2	SDP1

ADJUSTABLE & PIPE WRENCHES	
6"	A6
10"	A10
10"	PW10

M100KM

3/8" DRIVE SOCKET SET	
8 mm	BM1208
9 mm	BM1209
10 mm	BM1210
11 mm	BM1211
12 mm	BM1212
13 mm	BM1213
14 mm	BM1214
15 mm	BM1215
16 mm	BM1216
17mm	BM1217
18 mm	BM1218
19 mm	BM1219
Adaptor	BS130
3" Ext	B103
5" Ext.	B105
Flex Handle	B40A
Universal Joint	B140A
7" Rev. Ratchet	B52

COMBINATION WRENCHES	
7 mm	1107MM
8 mm	1108MM
9 mm	1109MM
10 mm	1110MM
11 mm	1111MM
12 mm	1112MM
13 mm	1113MM
14 mm	1114MM
15 mm	1115MM
16 mm	1116MM
17 mm	1117MM
Kit Bag	C110
24 mm	1124MM
26 mm	1126MM
28 mm	1128MM
29 mm	1129MM
30 mm	1130MM
Kit Bag	C55

CHISEL & PUNCH	
3/16" Pin	P6
3/16" Center	P40
1/2" Cold	C16
1/4" Pin	P8
1/4" Center	P42
3/4" Cold	C24
1/16" Pin	P2
1/4" Taper	P27

HEX KEY WRENCH SET	
13 pcs. Short Arm Series	13S

1/2" DRIVE SOCKET SET	
10 mm	STM1210
11 mm	STM1211
12 mm	STM1212
13 mm	STM1213
14 mm	STM1215
17 mm	STM1217
19 mm	STM1219
22 mm	STM1222
23 mm	STM1223
24 mm	STM1224
25 mm	STM1225
26 mm	STM1226
27 mm	STM1227
30 mm	STM1230
32 mm	STM1232
5" Ext	S110P
10" Ext.	S115P
Flex Handle	SF41
Rev. Ratchet	SF51

FLARE NUT WRENCHES	
3/8"	4112
7/16"	4114
1/2"	4116
9/16"	4118

C-CLAMPS	
0 - 3"	CC403
0 - 6-1/16"	CC406

HAMMERS	
12 oz	104G
1.50 lb	HSB15
1.25 lb	HPD1

SCREWDRIVERS & PLIERS	
8" Combo	P208
6" Diagonal	P206
6-1/2" Chain Nose	P506
10" Groove	P510
4" Square Blade	SDS4
6" Square Blade	SDS6
10" Square Blade	SDS10
3" Phillips No. 1	SDP3
4" Phillips No. 2	SDP4
6" Phillips No. 3	SDP6
1-1/2" Stubby No. 2	SDP1

ADJUSTABLE & PIPE WRENCHES	
6"	A6
10"	A10
10"	PW10

1/4" and 3/8" Drive Master Sets

MB20K

1/4" DRIVE SOCKET SET	
3/16" 6 Point Std. Socket	M606
7/32" 6 Point Std. Socket	M607
1/4" 6 Point Std. Socket	M608
9/32" 6 Point Std. Socket	M609
5/16" 6 Point Std. Socket	M610
11/32" 6 Point Std. Socket	M611
Spinner Handle	M106

3/8" DRIVE SOCKET SET	
3/8" 6 Point Std. Socket	B612
7/16" 6 Point Std. Socket	B614
1/2" 6 Point Std. Socket	B616
9/16" 6 Point Std. Socket	B618
5/8" 6 Point Std. Socket	B620
11/16" 6 Point Std. Socket	B622
3/4" 6 Point Std. Socket	B624
13/16" 6 Point Std. Socket	B626
8" Reversible Ratchet	B52
3" Extension	B103
6" Extension	B105
5/8" Spark Plug Socket	BD620P
Adaptor 3/8"F to 1/4"M	BS129
Metal Box	98

MBM20K

Metric

1/4" DRIVE SOCKET SET	
5 mm 6 Point Std. Socket	MM605
6 mm 6 Point Std. Socket	MM606
7 mm 6 Point Std. Socket	MM607
8 mm 6 Point Std. Socket	MM608
9 mm 6 Point Std. Socket	MM609
10 mm 6 Point Std. Socket	MM610
Spinner Handle	M106

3/8" DRIVE SOCKET SET	
12 mm 6 Point Std. Socket	BM612
13 mm 6 Point Std. Socket	BM613
14 mm 6 Point Std. Socket	BM614
15 mm 6 Point Std. Socket	BM615
16 mm 6 Point Std. Socket	BM616
17 mm 6 Point Std. Socket	BM617
18 mm 6 Point Std. Socket	BM618
19 mm 6 Point Std. Socket	BM619
8" Reversible Ratchet	B52
3" Extension	B103
6" Extension	B105
5/8" Spark Plug Socket	BD620P
Adaptor 3/8"F to 1/4"M	BS129
Metal Box	98

MB28K

1/4" DRIVE SOCKET SET	
1/4" 6 Point Std. Socket	M608
9/32" 6 Point Std. Socket	M609
5/16" 6 Point Std. Socket	M610
11/32" 6 Point Std. Socket	M611
3/8" 6 Point Std. Socket	M612
7 mm 6 Point Std. Socket	MM607
8 mm 6 Point Std. Socket	MM608
9 mm 6 Point Std. Socket	MM609
10 mm 6 Point Std. Socket	MM610
11 mm 6 Point Std. Socket	MM611
Spinner Handle	M106

3/8" DRIVE SOCKET SET	
7/16" 6 Point Std. Socket	B614
1/2" 6 Point Std. Socket	B616
9/16" 6 Point Std. Socket	B618
5/8" 6 Point Std. Socket	B620
11/16" 6 Point Std. Socket	B622
3/4" 6 Point Std. Socket	B624
12 mm 6 Point Std. Socket	BM612
13 mm 6 Point Std. Socket	BM613
14 mm 6 Point Std. Socket	BM614
15 mm 6 Point Std. Socket	BM615
17 mm 6 Point Std. Socket	BM617
19 mm 6 Point Std. Socket	BM619
8" Reversible Ratchet	B52
3" Extension	B103
6" Extension	B105
5/8" Spark Plug Socket	BD620P
Adaptor 3/8"F to 1/4"M	BS129
Metal Box	98

Torque Wrenches

Click-Type Micrometer Adjustable Torque Wrench

Part Number	Type	Drive	Range		Grads		Length (in)	Weight (lb)
			ft-lb	Nm	ft-lb	Nm		
TQ-12	Click	1/2	30-250	47.5-345	1	1.4	22 1/2	4.3
TQ-34	Click	3/4	100-600	170-850	5	6.8	46	17.0
TQ-100	Click	1	200-1000	271-1356	5	6.8	46 1/2	22.0

- ±3% CW & ±5% CCW Accuracy
- Aluminum Knurled Handle
- Easy-to-Read Laser Etched Dual Scale (ft-lb & nm)
- Exceeds Accuracy Range - ASME B107314-2004
- Calibration Certificate Included, 100% Traceability
- ½" Drive – 36 Tooth Quick Release Reversible Ratchet
- ¾" And 1" Drives – 24 Tool Quick Release Reversible Ratchet

Item	Part Number	Description
	TQ-12	½" Drive – 30-250 ft-lb / 47.5-345 nm
	TQ-34	¾" Drive - 100-600 ft-lb / 169-847 nm
	TQ-100	1" Drive - 200-1000 ft-lb / 271-1356 nm

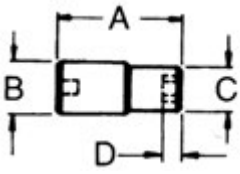
½" Drive Electronic Torque & Angle Meter

Part Number	Drive	Range				Resolution				Weight (lb)
		in-lb	ft-lb	Nm	Angle	in-lb	ft-lb	Nm	Angle	
PTM-12	1/2	120-3000	10-250	13.5-340	0-90	0.03	0.6	0.06	1	0.68

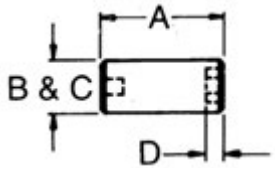
- 120 - 300 In-lb, 10 - 2550 ft-lb, 13.5 - 340 nm
- Can Be Used With Any Wrench, Breaker Bar, or Hand Driver
- Compliant With Both ISO & ASME B107-28 (Type 1) Standards
- ±1% Accuracy Of Torque Reading (CW & CCW)
- Warning LED, Buzzer, & Vibration
- Self-Contained Torque & Angle Meter
- Angle Preset From 5° to 360°
- Angle Memory During Ratcheting
- Li-Ion Polymer Rechargeable Battery
- Up To 200 hrs of Continuous Operation
- Easy-To-Use, No Training Needed
- Auto Power Off After 2 Minutes

1/4" Drive Sockets & Attachments – Chrome

Type	Item	Description	Part Number	Std. Pkg. Qty.
Ratchet		Chrome 43 tooth Head diameter 1" Length 51/2" Weight .40 lb	M52	6
Ratchet Replacement Head		Preassembled Ratchet Replacement Head Weight .19 lb	M52RD	1
Extension Bar		3" Extension Bar Weight .17 lb	M103	6
Spinner		Spinner Handle Length 6"	M106	6



Type I



Type II

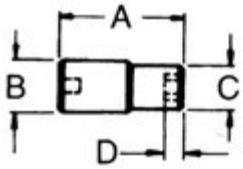
1/4" Square Drive 12 Point Standard

Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Chrome		
3/16	I	13/16	31/64	5/16	7/32	.01	M1206	6	3/16
7/32	I	13/16	31/64	23/64	15/64	.01	M1207	6	7/32
1/4	I	13/16	31/64	25/64	1/4	.01	M1208	6	1/4
9/32	I	13/16	31/64	7/16	19/64	.02	M1209	6	9/32
5/16	II	13/16	—	31/64	21/64	.02	M1210	6	5/16
11/32	II	13/16	—	33/64	21/64	.03	M1211	6	11/32
3/8	II	13/16	—	9/16	5/16	.03	M1212	6	3/8
7/16	II	13/16	—	5/8	21/64	.04	M1214	6	7/16
1/2	II	13/16	—	45/64	13/32	.04	M1216	6	1/2

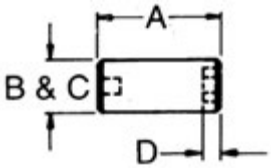
1/4" Square Drive 6 Point Standard

Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Chrome		
5/32	I	13/16	31/64	9/32	7/32	.01	M605	6	5/32
3/16	I	13/16	31/64	5/16	7/32	.01	M606	6	3/16
7/32	I	13/16	31/64	23/64	15/64	.01	M607	6	7/32
1/4	I	13/16	31/64	25/64	1/4	.01	M608	6	1/4
9/32	I	13/16	31/64	7/16	19/64	.02	M609	6	9/32
5/16	II	13/16	—	31/64	21/64	.02	M610	6	5/16
11/32	II	13/16	—	33/64	21/64	.03	M611	6	11/32
3/8	II	13/16	—	9/16	5/16	.03	M612	6	3/8
7/16	II	13/16	—	5/8	21/64	.04	M614	6	7/16
1/2	II	13/16	—	45/64	13/32	.04	M616	6	1/2

¼" Drive Sockets & Sets – Chrome



Type I



Type II

1/4" Square Drive 6 Point Deep

Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Chrome		
3/16	I	1-61/64	15/32	5/16	13/64	.05	MD606	6	3/16
7/32	I	1-61/64	15/32	23/64	15/64	.06	MD607	6	7/32
1/4	I	1-61/64	15/32	25/64	11/32	.06	MD608	6	1/4
9/32	I	1-61/64	15/32	7/16	11/32	.06	MD609	6	9/32
5/16	II	1-61/64	—	15/32	13/32	.06	MD610	6	5/16
11/32	II	1-61/64	—	33/64	35/64	.06	MD611	6	11/32
3/8	II	1-61/64	—	37/64	35/64	.09	MD612	6	3/8
7/16	II	1-61/64	—	5/8	35/64	.09	MD614	6	7/16
1/2	II	1-61/64	—	45/64	35/64	.11	MD616	6	1/2

1/4" Square Drive 6 Point Standard — Metric

Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Chrome		
4 mm	I	21.1 mm	12.1 mm	7.1 mm	5.3 mm	.05	MM604	6	4 mm
5 mm	I	21.1 mm	12.1 mm	8.6 mm	5.1 mm	.05	MM605	6	5 mm
6 mm	I	21.1 mm	12.1 mm	10.2 mm	6.6 mm	.05	MM606	6	6 mm
7 mm	I	21.1 mm	12.1 mm	11.2 mm	7.6 mm	.05	MM607	6	7 mm
8 mm	II	21.1 mm	—	12.2 mm	8.4 mm	.05	MM608	6	8 mm
9 mm	II	21.1 mm	—	14.2 mm	8.4 mm	.06	MM609	6	9 mm
10 mm	II	21.1 mm	—	14.9 mm	8.4 mm	.06	MM610	6	10 mm
11 mm	II	21.1 mm	—	16.0 mm	8.4 mm	.06	MM611	6	11 mm
12 mm	II	21.1 mm	—	17.0 mm	9.1 mm	.07	MM612	6	12 mm
13 mm	II	21.1 mm	—	17.8 mm	10.2 mm	.08	MM613	6	13 mm

M12K

1/4" DRIVE SOCKET SET

3/16" 6 Pt. Std. Socket	M606	7/16" 6 Pt. Std. Socket	M614
7/32" 6 Pt. Std. Socket	M607	1/2" 6 Pt. Std. Socket	M616
1/4" 6 Pt. Std. Socket	M608	RATCHET	M52
9/32" 6 Pt. Std. Socket	M609	3" EXTENSION BAR	M103
5/16" 6 Pt. Std. Socket	M610	6" SPINNER	M106
11/32" 6 Pt. Std. Socket	M611	Metal Box	91
3/8" 6 Pt. Std. Socket	M612		

M12KM

Metric

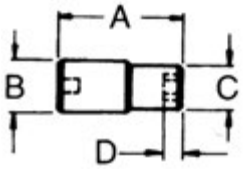
1/4" DRIVE SOCKET SET

4 mm 6 Pt. Std. Socket	MM604	12 mm 6 Pt. Std. Socket	MM612
5 mm 6 Pt. Std. Socket	MM605	13 mm 6 Pt. Std. Socket	MM613
6 mm 6 Pt. Std. Socket	MM606	RATCHET	M52
7 mm 6 Pt. Std. Socket	MM607	3" EXTENSION BAR	M103
8 mm 6 Pt. Std. Socket	MM608	6" SPINNER	M106
9 mm 6 Pt. Std. Socket	MM609	Metal Box	91
10 mm 6 Pt. Std. Socket	MM610		

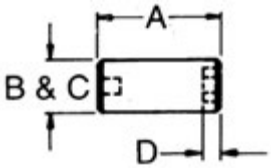
3/8 " Drive Attachments – Chrome

Type	Item	Description	Part Number	Std. Pkg. Qty.
Flexible Handle		Chrome Knurled Grip Length 7-13/16" Weight .59 lb	B40A	6
Reversible Ratchet		Chrome 41 tooth Head dia. 1-1/4" Length 8" Weight .69 lb	B52	6
Reversible Ratchet Repair Kit		Preassembled Ratchet Replacement Head Weight .19 lb	B52RD	1
Flexible Head Ratchet		Flex Head Reversible Ratchet Chrome Length 10-1/2 " .70 lb	B54	6
Flexible Head Ratchet Repair Kit		Preassembled Flexible Ratchet Replacement Head Weight .19 lb	B54RD	1
Extensions		Chrome Length 3" Weight .17 lb	B103	6
		Chrome Length 6" Weight .20 lb	B105	6
		Chrome Length 12" Weight .42 lb	B112	6
Universal Joint		Chrome Weight .13 lb	B140A	6
Adaptor		Chrome 3/8"F to 1/4"M Weight .06 lb	BS129	6
		Chrome 3/8"F to 1/2"M Weight .09 lb	BS130	6
Speeder		Chrome Revolving Grip Length 16" Weight 1.1 lb	B15	6

3/8 " Drive Socket Wrenches – Chrome



Type I



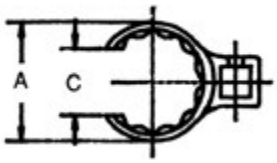
Type II

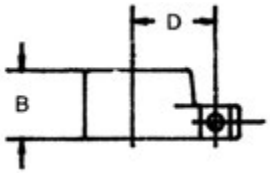
3/8" Square Drive 12 Point Standard

Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Chrome		
1/4	I	1-1/8	5/8	25/64	1/8	.04	B1208	6	1/4
5/16	I	1-1/8	5/8	15/32	9/64	.05	B1210	6	5/16
3/8	I	1-1/8	5/8	35/64	5/32	.05	B1212	6	3/8
7/16	II	1-1/8	—	5/8	7/32	.05	B1214	6	7/16
1/2	II	1-1/8	—	23/32	17/64	.06	B1216	6	1/2
9/16	II	1-1/8	—	25/32	21/64	.08	B1218	6	9/16
5/8	II	1-1/8	—	7/8	3/8	.10	B1220	6	5/8
11/16	II	1-1/8	—	15/16	3/8	.12	B1222	6	11/16
3/4	II	1-1/8	—	1	7/16	.14	B1224	6	3/4
13/16	II	1-3/16	—	1-1/16	29/64	.15	B1226	6	13/16
7/8	II	1-1/4	—	1-9/64	1/2	.18	B1228	6	7/8
15/16	II	1-9/16	—	1-1/4	35/64	.18	B1230	6	15/16
1	II	1-5/8	—	1-5/16	35/64	.19	B1232	6	1

3/8" Square Drive 12 Point Deep

Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Chrome		
3/8	I	2-7/32	5/8	35/64	5/32	.10	BD1212	6	3/8
7/16	II	2-7/32	—	5/8	7/32	.10	BD1214	6	7/16
1/2	II	2-7/32	—	23/32	17/64	.15	BD1216	6	1/2
9/16	II	2-7/32	—	25/32	21/64	.19	BD1218	6	9/16
5/8	II	2-7/32	—	7/8	3/8	.23	BD1220	6	5/8
11/16	II	2-1/2	—	59/64	3/8	.28	BD1222	6	11/16
3/4	II	2-1/2	—	63/64	7/16	.26	BD1224	6	3/4
13/16	II	2-25/32	—	1-1/16	29/64	.48	BD1226	6	13/16
7/8	II	2-7/8	—	1-5/32	1/2	.39	BD1228	6	7/8

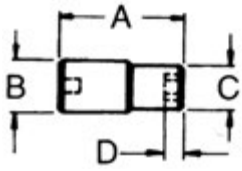




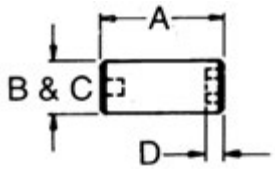
3/8" Drive Crowfoot Wrench — Flare Nut 12 Pt.

Opening	Diameter of Head	Thickness of Head	Width of Slot	Length of Centers	Weight Each	Part Number		Std. Pkg. Qty.	Opening
	A	B	C	D	(lb)	Chrome	Industrial Black		
5/8	31/32	11/16	7/16	47/64	.06	BC20	BLKBC20	6	5/8
11/16	1-1/16	11/16	31/64	25/32	.06	BC22	BLKBC22	6	11/16
3/4	1-5/32	23/32	17/32	53/64	.06	BC24	BLKBC24	6	3/4
13/16	1-7/32	23/32	9/16	7/8	.06	BC26	BLKBC26	6	13/16
7/8	1-5/8	3/4	39/64	59/64	.06	BC28	BLKBC28	6	7/8
15/16	1-13/32	3/4	21/32	31/32	.06	BC30	BLKBC30	6	15/16
1	1-31/64	25/32	45/64	1-1/64	.13	BC32	BLKBC32	6	1
1-1/16	1-9/16	25/32	51/64	1-1/16	.13	BC34	BLKBC34	6	1-1/16

3/8 " Drive Socket Wrenches – Chrome



Type I



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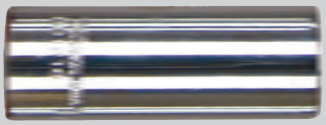
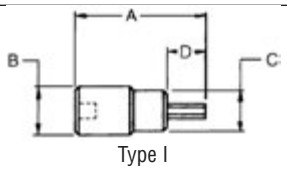


3/8" Square Drive 6 Point Standard

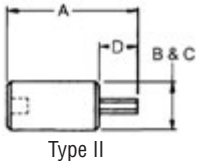
Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Chrome		
1/4	I	1-1/8	5/8	25/64	1/8	.04	B608	6	1/4
5/16	I	1-1/8	5/8	15/32	9/64	.04	B610	6	5/16
3/8	I	1-1/8	5/8	35/64	5/32	.05	B612	6	3/8
7/16	II	1-1/8	—	5/8	7/32	.05	B614	6	7/16
1/2	II	1-1/8	—	23/32	17/64	.07	B616	6	1/2
9/16	II	1-1/8	—	25/32	21/64	.08	B618	6	9/16
5/8	II	1-1/8	—	7/8	3/8	.10	B620	6	5/8
11/16	II	1-1/8	—	15/16	3/8	.13	B622	6	11/16
3/4	II	1-1/8	—	1	7/16	.14	B624	6	3/4
13/16	II	1-3/16	—	1-1/16	29/64	.17	B626	6	13/16
7/8	II	1-1/4	—	1-9/64	1/2	.19	B628	6	7/8
15/16	II	1-9/16	—	1-1/4	35/64	.29	B630	6	15/16
1	II	1-5/8	—	1-5/16	35/64	.33	B632	6	1

3/8" Square Drive 6 Point Deep

Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Chrome		
1/4	I	2-7/32	5/8	3/8	5/32	.10	BD608	6	1/4
5/16	I	2-7/32	5/8	7/16	5/32	.11	BD610	6	5/16
3/8	I	2-7/32	5/8	35/64	5/32	.12	BD612	6	3/8
7/16	II	2-7/32	—	5/8	7/32	.12	BD614	6	7/16
1/2	II	2-7/32	—	23/32	17/64	.16	BD616	6	1/2
9/16	I	2-1/4	55/64	13/16	11/32	.25	BD618	6	9/16
5/8	I	2-1/4	59/64	57/64	3/8	.30	BD620	6	5/8
11/16	II	2-5/16	—	61/64	3/8	.32	BD622	6	11/16
3/4	II	2-5/16	—	1-3/64	7/16	.37	BD624	6	3/4
13/16	II	2-25/32	—	1-1/16	29/64	.32	BD626	6	13/16
7/8	II	2-7/8	—	1-5/32	1/2	.39	BD628	6	7/8
15/16	II	3-3/64	—	1-1/4	35/64	.41	BD630	6	15/16
1	II	3-3/64	—	1-5/16	35/64	.41	BD632	6	1



Type I

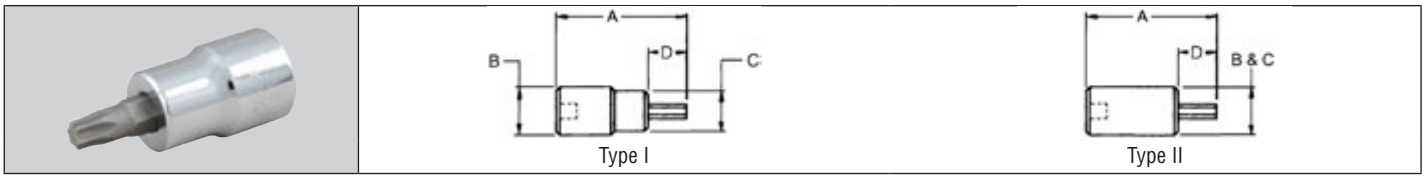


Type II

3/8" Drive Hex Bit Sockets

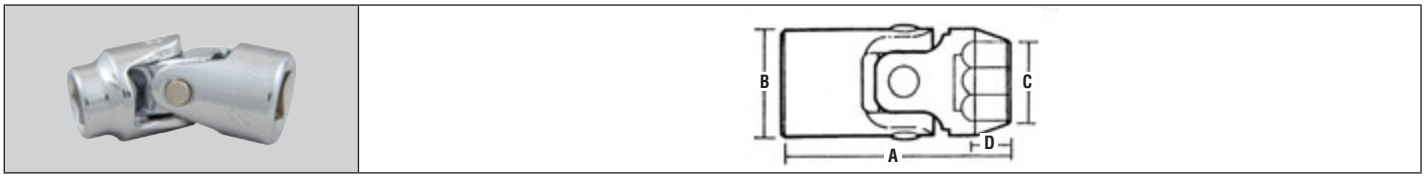
Bit Size	Type	Length	Drive End	Bit End	Bit Length	Weight	Part Number	Replacement	Std. Pkg.	Bit Size
		A	B	C	D	Each (lb)	Chrome	Hex Bit	Qty.	
1/8	I	2-21/32	11/16	19/32	1-19/32	.06	BA4	BA4B	6	1/8
5/32	I	2-21/32	11/16	19/32	1-19/32	.06	BA5	BA5B	6	5/32
3/16	I	2-21/32	11/16	19/32	1-19/32	.06	BA6	BA6B	6	3/16
7/32	I	2-21/32	11/16	19/32	1-19/32	.07	BA7	BA7B	6	7/32
1/4	I	2-21/32	11/16	19/32	1-19/32	.08	BA8	BA8B	6	1/4
5/16	I	2-7/8	11/16	19/32	1-13/16	.10	BA10	BA10B	6	5/16
3/8	II	2-15/16	11/16	11/16	1-3/4	.13	BA12	BA12B	6	3/8

3/8 " Drive Socket Wrenches – Chrome



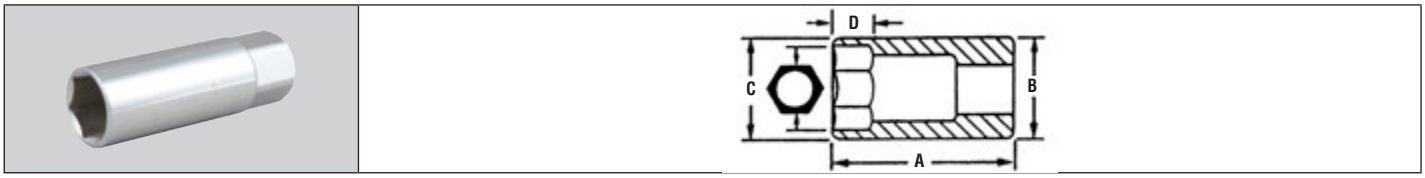
3/8" Drive Torx Bit Sockets

Bit Size	Type	Length A	Drive End B	Bit End C	Bit Length D	Weight Each (lb)	Part Number Chrome	Replacement Hex Bit	Std. Pkg. Qty.	Bit Size
T10	I	1-21/32	11/16	19/32	19/32	0.05	BAT10	BAT10B	6	T10
T15	I	1-21/32	11/16	19/32	19/32	0.1	BAT15	BAT15B	6	T15
T20	I	1-21/32	11/16	19/32	19/32	0.1	BAT20	BAT20B	6	T20
T25	I	1-21/32	11/16	19/32	19/32	0.1	BAT25	BAT25B	6	T25
T27	I	1-21/32	11/16	19/32	19/32	0.1	BAT27	BAT27B	6	T27
T30	I	1-21/32	11/16	19/32	19/32	0.1	BAT30	BAT30B	6	T30
T40	I	1-53/64	11/16	19/32	49/64	0.1	BAT40	BAT40B	6	T40
T45	I	1-53/64	11/16	19/32	49/64	0.1	BAT45	BAT45B	6	T45
T50	I	1-53/64	11/16	19/32	49/64	0.1	BAT50	BAT50B	6	T50
T55	II	2-1/16	11/16	11/16	57/64	0.15	BAT55	BAT55B	6	T55



3/8" Square Drive 6 Point Flex Socket

Opening	Length A	Drive End B	Opening End C	Minimum Depth D	Weight Each (lb)	Part Number Chrome	Std. Pkg. Qty.	Opening
3/8	1-49/64	3/4	37/64	15/64	.09	BU612	6	3/8
7/16	1-55/64	3/4	43/64	5/16	.09	BU614	6	7/16
1/2	1-57/64	3/4	3/4	23/64	.13	BU616	6	1/2
9/16	1-57/64	3/4	13/16	25/64	.13	BU618	6	9/16
5/8	1-15/64	3/4	7/8	7/16	.14	BU620	6	5/8
11/16	1-31/32	3/4	31/32	15/32	.18	BU622	6	11/16
3/4	2-1/8	3/4	13/64	33/64	.19	BU624	6	3/4



3/8" Square Drive Spark Plug Sockets — Chrome

Opening	Length A	Drive End B	Opening End C	Minimum Depth D	Weight Each (lb)	Part Number Chrome	Std. Pkg. Qty.	Opening
5/8	2-1/2	3/4	55/64	51/64	.28	BD620P	6	5/8
13/16	2-3/4	7/8	1-5/64	51/64	.35	BD626P	6	13/16

3/8 " Drive Sockets & Sets – Chrome

B7K

3/8" SQUARE DRIVE 6 POINT FLEX SOCKET SET

3/8" 6 Pt. Flex Socket	BU612	5/8" 6 Pt. Flex Socket	BU620
7/16" 6 Pt. Flex Socket	BU614	11/16" 6 Pt. Flex Socket	BU622
1/2" 6 Pt. Flex Socket	BU616	3/4" 6 Pt. Flex Socket	BU624
9/16" 6 Pt. Flex Socket	BU618	Twist lock Clip Rail	213R

BA7K

3/8" DRIVE HEX BIT SOCKET SET

1/8" Hex Bit Socket 3/8" DR	BA4	1/4" Hex Bit Socket 3/8" DR	BA8
5/32" Hex Bit Socket 3/8" DR	BA5	5/16" Hex Bit Socket 3/8" DR	BA10
3/16" Hex Bit Socket 3/8" DR	BA6	3/8" Hex Bit Socket 3/8" DR	BA12
7/32" Hex Bit Socket 3/8" DR	BA7	Twist lock Clip Rail	208R

BC8K

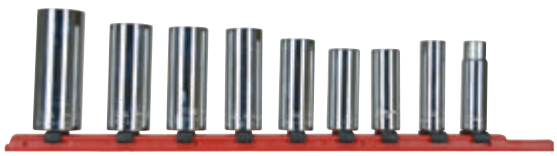
3/8" DRIVE FLARE NUT 12 POINT CROWFOOT WRENCH SET

5/8" 12 Pt. Crowfoot	BC20	15/16" 12 Pt. Crowfoot	BC30
11/16" 12 Pt. Crowfoot	BC22	1" 12 Pt. Crowfoot	BC32
3/4" 12 Pt. Crowfoot	BC24	1-1/16" 12 Pt. Crowfoot	BC34
13/16" 12 Pt. Crowfoot	BC26	Twist lock Clip Rail	208R
7/8" 12 Pt. Crowfoot	BC28		

B9K

3/8" SQUARE DRIVE 12 POINT DEEP SET

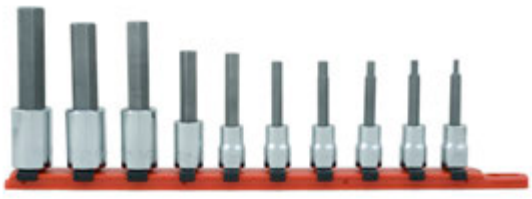
3/8" 12 Pt. Deep Socket	BD1212	11/16" 12 Pt. Deep Socket	BD1222
7/16" 12 Pt. Deep Socket	BD1214	3/4" 12 Pt. Deep Socket	BD1224
1/2" 12 Pt. Deep Socket	BD1216	13/16" 12 Pt. Deep Socket	BD1226
9/16" 12 Pt. Deep Socket	BD1218	7/8" 12 Pt. Deep Socket	BD1228
5/8" 12 Pt. Deep Socket	BD1220	Twist lock Clip Rail	213R



BC10K

3/8" DRIVE HEX BIT SOCKETS SET

1/8" Hex Bit Socket 3/8" Dr.	BA4	3/8" Hex Bit Socket 3/8" Dr.	BA12
5/32" Hex Bit Socket 3/8" Dr.	BA5	1/2" Hex Bit Socket 1/2" Dr.	BA16
3/16" Hex Bit Socket 3/8" Dr.	BA6	9/16" Hex Bit Socket 1/2" Dr.	BA18
7/32" Hex Bit Socket 3/8" Dr.	BA7	5/8" Hex Bit Socket 1/2" Dr.	BA20
1/4" Hex Bit Socket 3/8" Dr.	BA8	Twist lock Clip Rail	213R
5/16" Hex Bit Socket 3/8" Dr.	BA10		



3/8 " Drive Sockets & Sets – Chrome

BAT6K

3/8" Drive Torx Bit Socket Set

T15 Torx®	BAT15	T30 Torx®	BAT30
T20 Torx®	BAT20	T40 Torx®	BAT40
T25 Torx®	BAT25	Twist Lock Clip Rail	208R
T27 Torx®	BAT27		

BAT8K

3/8" Drive Torx Bit Socket Set

T15 Torx®	BAT15	T40 Torx®	BAT40
T20 Torx®	BAT20	T45 Torx®	BAT45
T25 Torx®	BAT25	T50 Torx®	BAT50
T27 Torx®	BAT27	Twist Lock Clip Rail	208R
T30 Torx®	BAT30		

BAT10K

3/8" Drive Torx Bit Socket Set

T10 Torx®	BAT10	T40 Torx®	BAT40
T15 Torx®	BAT15	T45 Torx®	BAT45
T20 Torx®	BAT20	T50 Torx®	BAT50
T25 Torx®	BAT25	T55 Torx®	BAT55
T27 Torx®	BAT27	Twist Lock Clip Rail	208R
T30 Torx®	BAT30		

3/8 " Drive Sockets & Sets – Chrome

BD9K

3/8" Square Drive 6 Point Deep Socket Set

3/8" 6 Pt. Deep Socket	BD612	11/16" 6 Pt. Deep Socket	BD622
7/16" 6 Pt. Deep Socket	BD614	3/4" 6 Pt. Deep Socket	BD624
1/2" 6 Pt. Deep Socket	BD616	13/16" 6 Pt. Deep Socket	BD626
9/16" 6 Pt. Deep Socket	BD618	7/8" 6 Pt. Deep Socket	BD628
5/8" 6 Pt. Deep Socket	BD620	Twist lock Clip Rail	213R

B10K

3/8" Square Drive 12 Point Standard Socket Set

5/16" 12 Pt. Std. Socket	B1210	11/16" 12 Pt. Std. Socket	B1222
3/8" 12 Pt. Std. Socket	B1212	3/4" 12 Pt. Std. Socket	B1224
7/16" 12 Pt. Std. Socket	B1214	13/16" 12 Pt. Std. Socket	B1226
1/2" 12 Pt. Std. Socket	B1216	7/8" 12 Pt. Std. Socket	B1228
9/16" 12 Pt. Std. Socket	B1218	Twist lock Clip Rail	213R
5/8" 12 Pt. Std. Socket	B1220		

BD10K

3/8" Square Drive 12 Point Standard Socket Set

5/16" 6 Pt. Std. Socket	B610	11/16" 6 Pt. Std. Socket	B622
3/8" 6 Pt. Std. Socket	B612	3/4" 6 Pt. Std. Socket	B624
7/16" 6 Pt. Std. Socket	B614	13/16" 6 Pt. Std. Socket	B626
1/2" 6 Pt. Std. Socket	B616	7/8" 6 Pt. Std. Socket	B628
9/16" 6 Pt. Std. Socket	B618	Twist lock Clip Rail	213R
5/8" 6 Pt. Std. Socket	B620		

B11K

3/8" Square Drive 6 Point Standard Socket Set

1/4" 6 Pt. Std. Socket	B608	5/8" 6 Pt. Std. Socket	B620
5/16" 6 Pt. Std. Socket	B610	11/16" 6 Pt. Std. Socket	B622
3/8" 6 Pt. Std. Socket	B612	3/4" 6 Pt. Std. Socket	B624
7/16" 6 Pt. Std. Socket	B614	13/16" 6 Pt. Std. Socket	B626
1/2" 6 Pt. Std. Socket	B616	7/8" 6 Pt. Std. Socket	B628
9/16" 6 Pt. Std. Socket	B618	Twist lock Clip Rail	213R

3/8 " Drive Sockets & Sets – Chrome

B11KM

3/8" Drive Socket Set

3/8" 6 Pt. Std. Socket	B612	3/4" 12 Pt. Std. Socket	B1224
7/16" 6 Pt. Std. Socket	B614	13/16" 12 Pt. Std. Socket	B1226
1/2" 6 Pt. Std. Socket	B616	7/8" 12 Pt. Std. Socket	B1228
9/16" 6 Pt. Std. Socket	B618	Ratchet	B52
5/8" 12 Pt. Std. Socket	B1220	6" Extension	B105
11/16" 12 Pt. Std. Socket	B1222	Metal Box	93

B11RK

3/8" Drive Socket Set

5/16" 6 Pt. Std. Socket	B610	11/16" 6 Pt. Std. Socket	B622
3/8" 6 Pt. Std. Socket	B612	3/4" 6 Pt. Std. Socket	B624
7/16" 6 Pt. Std. Socket	B614	Reversible Ratchet	B52
1/2" 6 Pt. Std. Socket	B616	3" Extension	B103
9/16" 6 Pt. Std. Socket	B618	5/8" Spark Plug Socket	BD620P
5/8" 6 Pt. Std. Socket	B620	Metal Box	93

B12K

3/8" Drive Socket Set

3/8" 12 Pt. Std. Socket	B1212	13/16" 12 Pt. Std. Socket	B1226
7/16" 12 Pt. Std. Socket	B1214	7/8" 12 Pt. Std. Socket	B1228
1/2" 12 Pt. Std. Socket	B1216	Reversible Ratchet	B52
9/16" 12 Pt. Std. Socket	B1218	3" Extension	B103
5/8" 12 Pt. Std. Socket	B1220	6" Extension	B105
11/16" 12 Pt. Std. Socket	B1222	Metal Box	93
3/4" 12 Pt. Std. Socket	B1224		

3/8 " Drive Sockets & Sets – Chrome

BD12K

3/8" Drive Socket Set

3/8" 6 Pt. Std. Socket	B612	13/16" 6 Pt. Std. Socket	B626
7/16" 6 Pt. Std. Socket	B614	7/8" 6 Pt. Std. Socket	B628
1/2" 6 Pt. Std. Socket	B616	Reversible Ratchet	B52
9/16" 6 Pt. Std. Socket	B618	3" Extension	B103
5/8" 6 Pt. Std. Socket	B620	6" Extension	B105
11/16" 6 Pt. Std. Socket	B622	Metal Box	93
3/4" 6 Pt. Std. Socket	B624		

B19K

3/8" Drive Socket Set

3/8" 6 Pt. Std. Socket	B612	7/16" 6 Pt. Deep Socket	BD614
7/16" 6 Pt. Std. Socket	B614	1/2" 6 Pt. Deep Socket	BD616
1/2" 6 Pt. Std. Socket	B616	9/16" 6 Pt. Deep Socket	BD618
9/16" 6 Pt. Std. Socket	B618	11/16" 6 Pt. Deep Socket	BD622
5/8" 6 Pt. Std. Socket	B620	3/4" 6 Pt. Deep Socket	BD624
11/16" 6 Pt. Std. Socket	B622	Reversible Ratchet	B52
3/4" 6 Pt. Std. Socket	B624	3" Extension	B103
13/16" 6 Pt. Std. Socket	B626	6" Extension	B105
7/8" 6 Pt. Std. Socket	B628	5/8" Spark Plug Socket	BD620P
3/8" 6 Pt. Deep Socket	BD612	Metal Box	98

B20K

3/8" Drive Socket Set

3/8" 6 Pt. Std. Socket	B612	1/2" 6 Pt. Deep Socket	BD616
7/16" 6 Pt. Std. Socket	B614	9/16" 6 Pt. Deep Socket	BD618
1/2" 6 Pt. Std. Socket	B616	5/8" 6 Pt. Deep Socket	BD620
9/16" 6 Pt. Std. Socket	B618	11/16" 6 Pt. Deep Socket	BD622
5/8" 12 Pt. Std. Socket	B1220	3/4" 6 Pt. Deep Socket	BD624
11/16" 12 Pt. Std. Socket	B1222	13/16" 6 Pt. Deep Socket	BD626
3/4" 12 Pt. Std. Socket	B1224	Ratchet	B52
13/16" 12 Pt. Std. Socket	B1226	6" Extension	B105
7/8" 12 Pt. Std. Socket	B1228	Flex Handle	B40A
3/8" 6 Pt. Deep Socket	BD612	Metal Box	94
7/16" 6 Pt. Deep Socket	BD614		

3/8 " Drive Sockets & Sets – Chrome

B22K

3/8" Drive Socket Set

3/8" 12 Pt. Std. Socket	B1212	9/16" 12 Pt. Deep Socket	BD1218
7/16" 12 Pt. Std. Socket	B1214	5/8" 12 Pt. Deep Socket	BD1220
1/2" 12 Pt. Std. Socket	B1216	11/16" 12 Pt. Deep Socket	BD1222
9/16" 12 Pt. Std. Socket	B1218	3/4" 12 Pt. Deep Socket	BD1224
5/8" 12 Pt. Std. Socket	B1220	13/16" 12 Pt. Deep Socket	BD1226
11/16" 12 Pt. Std. Socket	B1222	7/8" 12 Pt. Deep Socket	BD1228
3/4" 12 Pt. Std. Socket	B1224	Reversible Ratchet	B52
13/16" 12 Pt. Std. Socket	B1226	3" Extension	B103
7/8" 12 Pt. Std. Socket	B1228	6" Extension	B105
3/8" 12 Pt. Deep Socket	BD1212	Universal Joint	B140A
7/16" 12 Pt. Deep Socket	BD1214	Metal Box	94
1/2" 12 Pt. Deep Socket	BD1216		

BD22K

3/8" Drive Socket Set

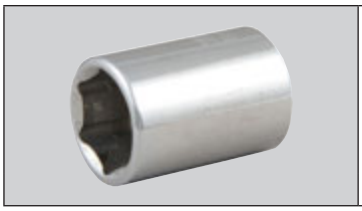
3/8" 6 Pt. Std. Socket	B612	9/16" 6 Pt. Deep Socket	BD618
7/16" 6 Pt. Std. Socket	B614	5/8" 6 Pt. Deep Socket	BD620
1/2" 6 Pt. Std. Socket	B616	11/16" 6 Pt. Deep Socket	BD622
9/16" 6 Pt. Std. Socket	B618	3/4" 6 Pt. Deep Socket	BD624
5/8" 6 Pt. Std. Socket	B620	13/16" 6 Pt. Deep Socket	BD626
11/16" 6 Pt. Std. Socket	B622	7/8" 6 Pt. Deep Socket	BD628
3/4" 6 Pt. Std. Socket	B624	Reversible Ratchet	B52
13/16" 6 Pt. Std. Socket	B626	3" Extension	B103
7/8" 6 Pt. Std. Socket	B628	6" Extension	B105
3/8" 6 Pt. Deep Socket	BD612	Universal Joint	B140A
7/16" 6 Pt. Deep Socket	BD614	Metal Box	94
1/2" 6 Pt. Deep Socket	BD616		

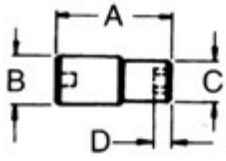
B26K

3/8" Drive Socket Set

1/4" 6 Pt. Std. Socket	B608	7/16" 6 Pt. Deep Socket	BD614
5/16" 6 Pt. Std. Socket	B610	1/2" 6 Pt. Deep Socket	BD616
3/8" 6 Pt. Std. Socket	B612	9/16" 6 Pt. Deep Socket	BD618
7/16" 6 Pt. Std. Socket	B614	5/8" 6 Pt. Deep Socket	BD620
1/2" 6 Pt. Std. Socket	B616	11/16" 6 Pt. Deep Socket	BD622
9/16" 6 Pt. Std. Socket	B618	3/4" 6 Pt. Deep Socket	BD624
5/8" 12 Pt. Std. Socket	B1220	13/16" 6 Pt. Deep Socket	BD626
11/16" 12 Pt. Std. Socket	B1222	Ratchet	B52
3/4" 12 Pt. Std. Socket	B1224	3" Extension	B103
13/16" 12 Pt. Std. Socket	B1226	6" Extension	B105
7/8" 12 Pt. Std. Socket	B1228	Flex Handle	B40A
15/16" 12 Pt. Std. Socket	B1230	Universal	B140A
1" 12 Pt. Std. Socket	B1232	Metal Box	94
3/8" 6 Pt. Deep Socket	BD612		

3/8 " Drive Metric Socket Wrenches – Chrome





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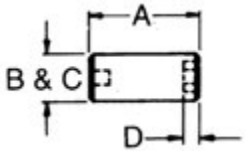

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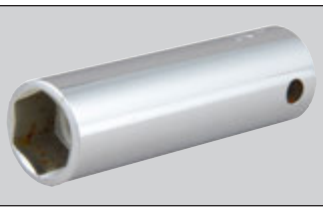


3/8" Square Drive 12 Point Standard — Metric

Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Chrome		
8 mm	I	25.7 mm	17.3 mm	12.2 mm	6.6 mm	.06	BM1208	6	8 mm
9 mm	I	25.4 mm	17.3 mm	14.2 mm	6.9 mm	.06	BM1209	6	9 mm
10 mm	I	25.4 mm	17.3 mm	14.9 mm	7.9 mm	.06	BM1210	6	10 mm
11 mm	I	25.4 mm	17.3 mm	16.5 mm	8.1 mm	.06	BM1211	6	11 mm
12 mm	II	25.4 mm	17.8 mm	17.8 mm	7.9 mm	.06	BM1212	6	12 mm
13 mm	II	25.7 mm	18.8 mm	18.8 mm	7.9 mm	.06	BM1213	6	13 mm
14 mm	II	25.7 mm	20.6 mm	20.6 mm	12.4 mm	.06	BM1214	6	14 mm
15 mm	II	25.7 mm	21.6 mm	21.6 mm	12.4 mm	.13	BM1215	6	15 mm
16 mm	II	28.7 mm	22.1 mm	22.1 mm	14.2 mm	.13	BM1216	6	16 mm
17 mm	II	30.0 mm	24.4 mm	24.4 mm	14.2 mm	.19	BM1217	6	17 mm
18 mm	II	30.0 mm	24.4 mm	24.4 mm	15.7 mm	.19	BM1218	6	18 mm
19 mm	II	30.0 mm	26.2 mm	26.2 mm	17.3 mm	.19	BM1219	6	19 mm

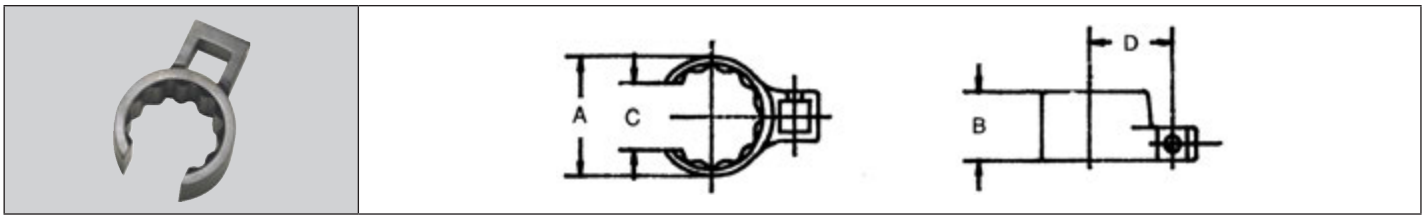
3/8" Square Drive 6 Point Standard — Metric

Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Chrome		
6 mm	I	28.5 mm	16.0 mm	10.0 mm	4.0 mm	.04	BM606	6	6 mm
7 mm	I	28.5 mm	16.0 mm	11.0 mm	4.0 mm	.04	BM607	6	7 mm
8 mm	I	28.5 mm	16.0 mm	12.0 mm	5.0 mm	.05	BM608	6	8 mm
9 mm	I	28.5 mm	16.0 mm	13.0 mm	5.5 mm	.05	BM609	6	9 mm
10 mm	I	28.5 mm	16.0 mm	14.5 mm	6.0 mm	.05	BM610	6	10 mm
11 mm	II	28.5 mm	—	16.0 mm	7.0 mm	.05	BM611	6	11 mm
12 mm	II	28.5 mm	—	17.5 mm	8.0 mm	.06	BM612	6	12 mm
13 mm	II	28.5 mm	—	18.5 mm	8.0 mm	.08	BM613	6	13 mm
14 mm	II	28.5 mm	—	19.5 mm	10.0 mm	.08	BM614	6	14 mm
15 mm	II	28.5 mm	—	21.5 mm	10.0 mm	.10	BM615	6	15 mm
16 mm	II	28.5 mm	—	22.0 mm	10.5 mm	.10	BM616	6	16 mm
17 mm	II	28.5 mm	—	23.5 mm	10.0 mm	.13	BM617	6	17 mm
18 mm	II	28.5 mm	—	24.5 mm	10.5 mm	.13	BM618	6	18 mm
19 mm	II	28.5 mm	—	25.5 mm	12.0 mm	.15	BM619	6	19 mm

3/8" Square Drive 6 Point Deep — Metric

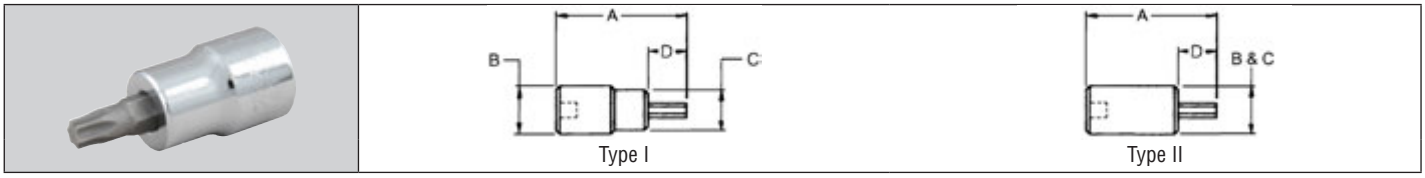
Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Chrome		
6 mm	I	56.5 mm	16.0 mm	10.0 mm	4.0 mm	.10	BMD606	6	6 mm
7 mm	I	56.5 mm	16.0 mm	10.0 mm	4.0 mm	.10	BMD607	6	7 mm
8 mm	I	56.5 mm	16.0 mm	11.5 mm	5.0 mm	.12	BMD608	6	8 mm
9 mm	I	56.5 mm	16.0 mm	12.5 mm	6.0 mm	.10	BMD609	6	9 mm
10 mm	I	56.5 mm	16.0 mm	14.5 mm	6.0 mm	.12	BMD610	6	10 mm
11 mm	II	56.5 mm	—	16.0 mm	7.0 mm	.12	BMD611	6	11 mm
12 mm	II	56.5 mm	—	17.0 mm	8.0 mm	.13	BMD612	6	12 mm
13 mm	II	56.5 mm	—	18.5 mm	8.0 mm	.17	BMD613	6	13 mm
14 mm	II	56.5 mm	—	19.5 mm	10.0 mm	.21	BMD614	6	14 mm
15 mm	II	56.5 mm	—	21.5 mm	10.0 mm	.23	BMD615	6	15 mm
16 mm	II	56.5 mm	—	22.0 mm	10.0 mm	.23	BMD616	6	16 mm
17 mm	II	63.5 mm	—	23.5 mm	10.0 mm	.31	BMD617	6	17 mm
18 mm	II	63.5 mm	—	24.5 mm	10.5 mm	.23	BMD618	6	18 mm
19 mm	II	63.5 mm	—	25.0 mm	11.0 mm	.25	BMD619	6	19 mm

3/8 " Drive Sockets & Sets – Chrome



3/8" Drive Metric Crowfoot Wrench — Flare Nut 12 Pt.

Opening	Diameter of Head	Thickness of Head	Width of Slot	Length of Centers	Weight Each	Part Number	Std. Pkg. Qty.	Opening
	A	B	C	D	(lb)	Chrome		
15 mm	24.9 mm	18.3 mm	16.5 mm	18.8 mm	0.10	BC15MM	6	15 mm
16 mm	24.9 mm	18.3 mm	16.5 mm	18.8 mm	0.10	BC16MM	6	16 mm
17 mm	27.2 mm	18.3 mm	16.5 mm	20.1 mm	0.11	BC17MM	6	17 mm
18 mm	29.7 mm	19.1 mm	16.5 mm	21.3 mm	0.12	BC18MM	6	18 mm
19 mm	29.7 mm	19.1 mm	16.5 mm	21.3 mm	0.12	BC19MM	6	19 mm
20 mm	31.8 mm	19.1 mm	16.5 mm	22.4 mm	0.13	BC20MM	6	20 mm
21 mm	31.8 mm	19.1 mm	16.5 mm	22.4 mm	0.13	BC21MM	6	21 mm
22 mm	34.0 mm	19.8 mm	16.5 mm	23.9 mm	0.14	BC22MM	6	22 mm
23 mm	36.1 mm	19.8 mm	16.5 mm	24.9 mm	0.15	BC23MM	6	23 mm
24 mm	36.1 mm	19.8 mm	16.5 mm	24.9 mm	0.15	BC24MM	6	24 mm
25 mm	38.1 mm	20.6 mm	16.5 mm	25.9 mm	0.16	BC25MM	6	25 mm
26 mm	38.1 mm	20.6 mm	16.5 mm	25.9 mm	0.16	BC26MM	6	26 mm
27 mm	39.9 mm	20.6 mm	16.5 mm	27.2 mm	0.17	BC27MM	6	27 mm



3/8" Drive Metric Hex Bit Sockets

Bit Size	Type	Length	Drive End	Bit End	Bit Length	Weight Each (lb)	Part Number	Replacement Hex Bit	Std. Pkg. Qty.	Bit Size
		A	B	C	D		Chrome			
4 mm	I	68 mm	17.5 mm	15.0 mm	41.0 mm	0.1	BA4MM	BA4MMB	6	4 mm
5 mm	I	68 mm	17.5 mm	15.0 mm	41.0 mm	0.1	BA5MM	BA5MMB	6	5 mm
6 mm	I	68 mm	17.5 mm	15.0 mm	41.0 mm	0.1	BA6MM	BA6MMB	6	6 mm
7 mm	I	72.5 mm	17.5 mm	15.0 mm	45.3 mm	0.1	BA7MM	BA7MMB	6	7 mm
8 mm	I	72.5 mm	17.5 mm	15.0 mm	45.3 mm	0.1	BA8MM	BA8MMB	6	8 mm
9 mm	II	72.5 mm	19 mm	19.0 mm	42.4 mm	0.15	BA9MM	BA9MMB	6	9 mm
10 mm	II	72.5 mm	19 mm	19.0 mm	42.4 mm	0.15	BA10MM	BA10MMB	6	10 mm

3/8 " Drive Metric Socket Sets – Chrome

MB11K

METRIC

3/8" Drive Metric Socket Set

10 mm 6 Pt. Std. Socket	BM610	18 mm 6 Pt. Std. Socket	BM618
12 mm 6 Pt. Std. Socket	BM612	19 mm 6 Pt. Std. Socket	BM619
13 mm 6 Pt. Std. Socket	BM613	Reversible Ratchet	B52
14 mm 6 Pt. Std. Socket	BM614	3" Extension	B103
15 mm 6 Pt. Std. Socket	BM615	Spark Plug Socket	BD620P
17 mm 6 Pt. Std. Socket	BM617	Metal Box	92

MB12K

METRIC

3/8" Drive Metric 12 Point Standard Socket Set

8 mm 12 Pt. Std. Socket	BM1208	15 mm 12 Pt. Std. Socket	BM1215
9 mm 12 Pt. Std. Socket	BM1209	16 mm 12 Pt. Std. Socket	BM1216
10 mm 12 Pt. Std. Socket	BM1210	17 mm 12 Pt. Std. Socket	BM1217
11 mm 12 Pt. Std. Socket	BM1211	18 mm 12 Pt. Std. Socket	BM1218
12 mm 12 Pt. Std. Socket	BM1212	19 mm 12 Pt. Std. Socket	BM1219
13 mm 12 Pt. Std. Socket	BM1213	Twist Lock Clip Rail	213B
14 mm 12 Pt. Std. Socket	BM1214		

MB14K

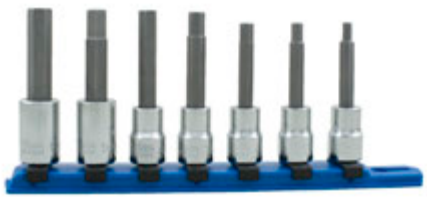
METRIC

3/8" Drive Metric 6 Point Standard Socket Set

6 mm 6 Pt. Std. Socket	BM606	14 mm 6 Pt. Std. Socket	BM614
7 mm 6 Pt. Std. Socket	BM607	15 mm 6 Pt. Std. Socket	BM615
8 mm 6 Pt. Std. Socket	BM608	16 mm 6 Pt. Std. Socket	BM616
9 mm 6 Pt. Std. Socket	BM609	17 mm 6 Pt. Std. Socket	BM617
10 mm 6 Pt. Std. Socket	BM610	18 mm 6 Pt. Std. Socket	BM618
11 mm 6 Pt. Std. Socket	BM611	19 mm 6 Pt. Std. Socket	BM619
12 mm 6 Pt. Std. Socket	BM612	Twist Lock Clip Rail	218B
13 mm 6 Pt. Std. Socket	BM613		

BA7KM

METRIC



3/8" Drive Metric Hex Bit Socket Set

4 mm Hex Bit Socket	BA4MM	8 mm Hex Bit Socket	BA8MM
5 mm Hex Bit Socket	BA5MM	9 mm Hex Bit Socket	BA9MM
6 mm Hex Bit Socket	BA6MM	10 mm Hex Bit Socket	BA10MM
7 mm Hex Bit Socket	BA7MM	Twist Lock Clip Rail	208B

BC13KM

METRIC

3/8" Drive Metric 12 Point Crowfoot Set

15 mm 12 Pt. Crowfoot	BC15MM	22 mm 12 Pt. Crowfoot	BC22MM
16 mm 12 Pt. Crowfoot	BC16MM	23 mm 12 Pt. Crowfoot	BC23MM
17 mm 12 Pt. Crowfoot	BC17MM	24 mm 12 Pt. Crowfoot	BC24MM
18 mm 12 Pt. Crowfoot	BC18MM	25 mm 12 Pt. Crowfoot	BC25MM
19 mm 12 Pt. Crowfoot	BC19MM	26 mm 12 Pt. Crowfoot	BC26MM
20 mm 12 Pt. Crowfoot	BC20MM	27 mm 12 Pt. Crowfoot	BC27MM
21 mm 12 Pt. Crowfoot	BC21MM	Twist Lock Clip Rail	208B

3/8 " Drive Metric Sockets & Sets – Chrome

MB17K

METRIC

3/8" Drive Metric 6 Point Standard Socket Set

8 mm 12 Pt. Std. Socket	BM1208	17 mm 12 Pt. Std. Socket	BM1217
9 mm 12 Pt. Std. Socket	BM1209	18 mm 12 Pt. Std. Socket	BM1218
10 mm 12 Pt. Std. Socket	BM1210	19 mm 12 Pt. Std. Socket	BM1219
11 mm 12 Pt. Std. Socket	BM1211	7-13/16" Flexible Handle	B40A
12 mm 12 Pt. Std. Socket	BM1212	Reversible Ratchet	B52
13 mm 12 Pt. Std. Socket	BM1213	3" Extension	B103
14 mm 12 Pt. Std. Socket	BM1214	6" Extension	B105
15 mm 12 Pt. Std. Socket	BM1215	Universal Joint	B140A
16 mm 12 Pt. Std. Socket	BM1216	Metal Box	94

MB19K

METRIC

3/8" Drive Metric 6 Point Standard Socket Set

10 mm 6 Pt. Std. Socket	BM610	13 mm 6 Pt. Deep Socket	BMD613
12 mm 6 Pt. Std. Socket	BM612	14 mm 6 Pt. Deep Socket	BMD614
13 mm 6 Pt. Std. Socket	BM613	15 mm 6 Pt. Deep Socket	BMD615
14 mm 6 Pt. Std. Socket	BM614	17 mm 6 Pt. Deep Socket	BMD617
15 mm 6 Pt. Std. Socket	BM615	19 mm 6 Pt. Deep Socket	BMD619
17 mm 6 Pt. Std. Socket	BM617	Reversible Ratchet	B52
18 mm 6 Pt. Std. Socket	BM618	3" Extension	B103
19 mm 6 Pt. Std. Socket	BM619	6" Extension	B105
10 mm 6 Pt. Deep Socket	BMD610	Spark Plug Socket	BD620P
12 mm 6 Pt. Deep Socket	BMD612	Metal Box	94

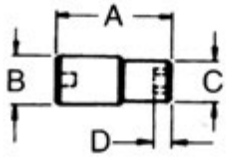
MB26K

METRIC

3/8" Drive Metric 6 Point Standard Socket Set

7 mm 6 Pt. Std. Socket	BM607	11 mm 6 Pt. Deep Socket	BMD611
8 mm 6 Pt. Std. Socket	BM608	12 mm 6 Pt. Deep Socket	BMD612
9 mm 6 Pt. Std. Socket	BM609	13 mm 6 Pt. Deep Socket	BMD613
10 mm 6 Pt. Std. Socket	BM610	14 mm 6 Pt. Deep Socket	BMD614
11 mm 6 Pt. Std. Socket	BM611	15 mm 6 Pt. Deep Socket	BMD615
12 mm 6 Pt. Std. Socket	BM612	16 mm 6 Pt. Deep Socket	BMD616
13 mm 6 Pt. Std. Socket	BM613	17 mm 6 Pt. Deep Socket	BMD617
14 mm 6 Pt. Std. Socket	BM614	18 mm 6 Pt. Deep Socket	BMD618
15 mm 6 Pt. Std. Socket	BM615	19 mm 6 Pt. Deep Socket	BMD619
16 mm 6 Pt. Std. Socket	BM616	Reversible Ratchet	B52
17 mm 6 Pt. Std. Socket	BM617	6" Extension	B105
18 mm 6 Pt. Std. Socket	BM618	Flexible Handle	B40A
19 mm 6 Pt. Std. Socket	BM619	Metal Box	94
10 mm 6 Pt. Deep Socket	BMD610		

3/8 " Drive Power/Impact



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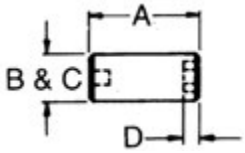

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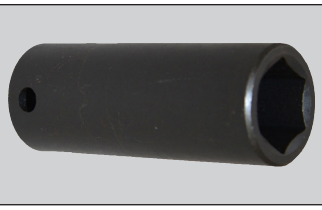


3/8" Square Drive 6 Point Standard

Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Industrial Black		
5/16	I	1-1/16	47/64	1/2	7/64	.07	2610	6	5/16
3/8	I	1-1/16	47/64	19/32	5/32	.07	2612	6	3/8
7/16	I	1-1/16	47/64	43/64	7/32	.08	2614	6	7/16
1/2	II	1-3/32	—	3/4	13/64	.08	2616	6	1/2
9/16	II	1-1/8	—	55/64	1/4	.13	2618	6	9/16
5/8	II	1-1/8	—	59/64	9/32	.15	2620	6	5/8
11/16	II	1-1/8	—	63/64	5/16	.16	2622	6	11/16
3/4	II	1-3/16	—	1-1/32	23/64	.17	2624	6	3/4

3/8" Square Drive 6 Point Deep

Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Industrial Black		
5/16	I	2-1/4	47/64	1/2	3/32	.19	12610	6	5/16
3/8	I	2-1/4	47/64	19/32	7/64	.19	12612	6	3/8
7/16	I	2-1/4	47/64	43/64	13/64	.19	12614	6	7/16
1/2	II	2-1/4	—	3/4	13/64	.18	12616	6	1/2
9/16	I	2-1/4	55/64	13/16	11/32	.25	12618	6	9/16
5/8	I	2-1/4	55/64	57/64	3/8	.28	12620	6	5/8
11/16	II	2-5/16	—	61/64	3/8	.31	12622	6	11/16
3/4	II	2-5/16	—	1-3/64	7/16	.38	12624	6	3/4

3/8" Square Drive 6 Point Standard – Metric

Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Industrial Black		
10 mm	I	28.0 mm	18.0 mm	15.1 mm	5.0 mm	.05	2M610	6	10 mm
12 mm	II	28.0 mm	—	18.5 mm	7.5 mm	.07	2M612	6	12 mm
13 mm	II	30.0 mm	—	19.6 mm	9.5 mm	.07	2M613	6	13 mm
14 mm	II	30.0 mm	—	21.3 mm	9.5 mm	.08	2M614	6	14 mm
15 mm	II	30.0 mm	—	22.3 mm	9.5 mm	.10	2M615	6	15 mm
17 mm	II	30.0 mm	—	24.5 mm	9.5 mm	.11	2M617	6	17 mm
18 mm	II	30.0 mm	—	25.3 mm	9.5 mm	.12	2M618	6	18 mm
19 mm	II	30.0 mm	—	27.2 mm	10.0 mm	.13	2M619	6	19 mm

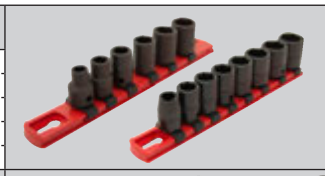
Item	Description	Weigh Each (lb)	Part Number	Std. Pkg. Qty.
Universal Adaptor	3/8" Impact Universal Joint 3/8" F X 1/2" M	.18 .10	2140A 24A	6 6

IB6K

5/16" 6 Pt. Skt.	2610	9/16" 6 Pt. Skt.	2618
3/8" 6 Pt. Skt.	2612	5/8" 6 Pt. Skt.	2620
7/16" 6 Pt. Skt.	2614	Clip Rail	242
1/2" 6 Pt. Skt.	2616		

IMB8K

10 mm 6 Pt. Skt.	2M610	17 mm 6 Pt. Skt.	2M617
12 mm 6 Pt. Skt.	2M612	18 mm 6 Pt. Skt.	2M618
13 mm 6 Pt. Skt.	2M613	19 mm 6 Pt. Skt.	2M619
14 mm 6 Pt. Skt.	2M614	Clip Rail	244
15 mm 6 Pt. Skt.	2M615		



IB8K

5/16" 6 Pt. Skt.	2610	5/8" 6 Pt. Skt.	2620
3/8" 6 Pt. Skt.	2612	11/16" 6 Pt. Skt.	2622
7/16" 6 Pt. Skt.	2614	3/4" 6 Pt. Skt.	2624
1/2" 6 Pt. Skt.	2616	Clip Rail	244
9/16" 6 Pt. Skt.	2618		

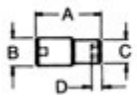
IB8KD

5/16" 6 Pt. Deep Skt.	12610	5/8" 6 Pt. Deep Skt.	12620
3/8" 6 Pt. Deep Skt.	12612	11/16" 6 Pt. Deep Skt.	12622
7/16" 6 Pt. Deep Skt.	12614	3/4" 6 Pt. Deep Skt.	12624
1/2" 6 Pt. Deep Skt.	12616	Clip Rail	244
9/16" 6 Pt. Deep Skt.	12618		

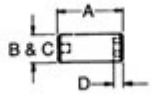
1/2" Drive Attachments
Chrome

Type	Item	Description	Part Number	Std. Pkg. Qty.
Flexible Handle		Chrome Knurled Grip Length 17" Weight 1.65 lb	SF41	5
Reversible Ratchet		Chrome 45 tooth Head diameter 1-5/8" Length 10" Weight 1.44 lb	SF51	1
Reversible Ratchet Repair Kit		Preassembled Ratchet Replacement Head Weight .31 lb For SF51 and SF55	SF51RD	1
Double Pawl Ratchet		Double Pawl 45 tooth Head diameter 111/16" Length 15" Weight 1.25 lb	SF55	1
Extensions		Chrome Length 20" Weight 1.19 lb	S121P	5
		Chrome Length 2" Weight .21 lb	S102P	5
		Chrome Length 5" Weight .37 lb	S110P	5
		Chrome Length 10" Weight .66 lb	S115P	5
Universal Joint		Chrome Length 2-5/16" Weight .15 lb	S140	5
Adaptors		Chrome 1/2"F to 3/8"M Weight .15 lb	SH129	5
		Chrome 1/2"F to 1/4"M Weight .18 lb	SH130	5
18" Speeder		Chrome Revolving Grip Length 18" Weight 1.2 lb	S15	5

1/2" Drive Socket Wrenches



Type I



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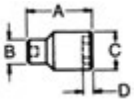


Type III

Martin Heavy-Duty Chrome Hand Tool Sockets are Manufactured to Extremely Close Tolerances of American Alloy Steel. The 12 Point Broach Opening Provides a Secure Fit for Absolute Tightening and Loosening.

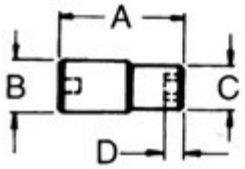
1/2" Square Drive 12 Point Standard

Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Chrome		
3/8	I	1-15/32	13/16	37/64	5/32	.09	ST1212	5	3/8
7/16	I	1-15/32	13/16	41/64	7/32	.09	ST1214	5	7/16
1/2	I	1-15/32	13/16	23/32	17/64	.10	ST1216	5	1/2
9/16	II	1-15/32	—	13/16	21/64	.10	ST1218	5	9/16
5/8	II	1-15/32	—	7/8	1-15/32	.14	ST1220	5	5/8
11/16	II	1-15/32	—	31/32	1-15/32	.15	ST1222	5	11/16
3/4	II	1-15/32	—	1-1/16	1-15/32	.19	ST1224	5	3/4
13/16	II	1-9/16	—	1-1/8	1-9/16	.20	ST1226	5	13/16
7/8	II	1-5/8	—	1-11/64	1/2	.24	ST1228	5	7/8
15/16	II	1-5/8	—	1-1/4	35/64	.28	ST1230	5	15/16
1	II	1-11/16	—	1-5/16	35/64	.32	ST1232	5	1
1-1/16	III	1-3/4	1-3/32	1-13/32	5/8	.32	ST1234	5	1-1/16
1-1/8	III	1-13/16	1-7/64	1-1/2	21/32	.35	ST1236	5	1-1/8
1-3/16	III	1-7/8	1-7/64	1-37/64	21/32	.40	ST1238	5	1-3/16
1-1/4	III	1-59/64	1-1/8	1-13/16	3/4	.43	ST1240	5	1-1/4
1-5/16	III	2	1-3/16	1-13/16	13/16	.45	ST1242	5	1-5/16
1-3/8	III	2	1-1/4	1-7/8	55/64	.46	ST1244	5	1-3/8
1-7/16	III	2 -1/16	1-3/8	1-15/16	29/32	.47	ST1246	5	1-7/16
1-1/2	III	2- 1/8	1-3/8	2	1-1/16	.49	ST1248	5	1-1/2

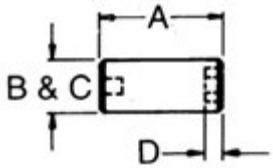
1/2" Square Drive 12 Point Deep

Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Chrome		
3/8	II	3-3/64	—	13/16	23/32	.21	SD1212	5	3/8
7/16	II	3-3/64	—	13/16	23/32	.24	SD1214	5	7/16
1/2	II	3-1/16	13/16	23/32	17/64	.24	SD1216	5	1/2
9/16	II	3-1/16	—	13/16	21/64	.24	SD1218	5	9/16
5/8	II	3-1/16	—	7/8	3/8	.30	SD1220	5	5/8
11/16	II	3-1/16	—	31/32	3/8	.34	SD1222	5	11/16
3/4	II	3-1/16	—	1-3/64	7/16	.35	SD1224	5	3/4
13/16	II	3-1/16	—	1-7/64	29/64	.40	SD1226	5	13/16
7/8	II	3-1/16	—	1-11/64	1/2	.43	SD1228	5	7/8
15/16	II	3-1/16	—	1-1/4	35/64	.48	SD1230	5	15/16
1	III	3-1/16	1-3/32	1-5/16	35/64	.45	SD1232	5	1
1-1/16	III	3-1/16	1-7/64	1-13/32	5/8	.50	SD1234	5	1-1/16
1-1/8	III	3-1/16	1-7/64	1-1/2	21/32	.51	SD1236	5	1-1/8
1-3/16	III	3-3/64	1-7/64	1-37/64	21/32	.56	SD1238	5	1-3/16
1-1/4	III	3-3/64	1-1/8	1-41/64	3/4	.61	SD1240	5	1-1/4
1-5/16	III	3-3/64	1-9/64	1-13/16	49/64	.61	SD1242	5	1-5/16
1-3/8	III	3-3/64	1-15/64	1-7/8	25/32	.84	SD1244	5	1-3/8
1-7/16	III	3-3/64	1-19/64	1-61/64	7/8	.88	SD1246	5	1-7/16
1-1/2	III	3-3/64	1-11/32	2-1/64	55/64	.93	SD1248	5	1-1/2

½" Drive Socket Wrenches – Chrome



Type I



Type II

1/2" Square Drive 6 Point Standard

Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Chrome		
3/8	I	1-1/2	7/8	53/64	5/16	.11	ST612	5	3/8
7/16	I	1-1/2	55/64	55/64	21/64	.11	ST614	5	7/16
1/2	I	1-1/2	55/64	59/64	13/32	.11	ST616	5	1/2
9/16	I	1-1/2	55/64	13/16	13/32	.13	ST618	5	9/16
5/8	II	1-1/2	—	7/8	9/16	.12	ST620	5	5/8
11/16	II	1-1/2	—	31/32	9/16	.16	ST622	5	11/16
3/4	II	1-1/2	—	1-3/64	21/32	.19	ST624	5	3/4
13/16	II	1-1/2	—	1-3/32	11/16	.20	ST626	5	13/16
7/8	II	1-1/2	—	1-3/16	3/4	.29	ST628	5	7/8
15/16	II	1-1/2	—	1-17/64	51/64	.31	ST630	5	15/16
1	II	1-39/64	—	1-21/64	53/64	.37	ST632	5	1
1-1/16	II	1-39/64	—	1-13/32	15/16	.52	ST634	5	1-1/16
1-1/8	II	1-5/8	—	1-15/32	63/64	.52	ST636	5	1-1/8
1-3/16	II	1-5/8	—	1-17/32	63/64	.59	ST638	5	1-3/16
1-1/4	II	1-3/4	—	1-37/64	1-1/8	.66	ST640	5	1-1/4

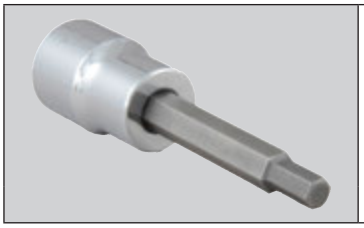
1/2" Square Drive 6 Point Deep

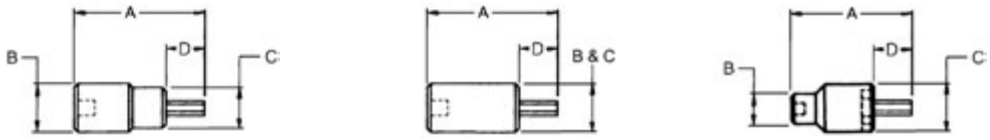
Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Chrome		
1/2	I	3-1/8	7/8	49/64	51/64	.34	SD616	5	1/2
9/16	I	3-1/8	7/8	53/64	15/16	.31	SD618	5	9/16
5/8	II	3-1/8	—	7/8	1-3/16	.38	SD620	5	5/8
11/16	II	3-1/8	—	31/32	1-7/32	.41	SD622	5	11/16
3/4	II	3-1/8	—	1-1/16	1-17/64	.44	SD624	5	3/4
13/16	II	3-1/8	—	1-1/8	1-19/64	.47	SD626	5	13/16
7/8	II	3-1/8	—	1-3/16	1-19/64	.53	SD628	5	7/8
15/16	II	3-1/8	—	1-17/64	1-3/8	.56	SD630	5	15/16
1	II	3-1/8	—	1-11/32	1-3/8	.72	SD632	5	1
1-1/16	II	3-1/8	—	1-13/32	1-27/64	.78	SD634	5	1-1/16
1-1/8	II	3-1/8	—	1-1/2	1-27/64	.84	SD636	5	1-1/8

1/2" Drive Crowfoot Wrench and Hex Bit Sockets

1/2" Drive Crowfoot Wrench — Flare Nut 12 Pt.

Opening	Diameter of Head	Thickness of Head	Width of Slot	Length of Centers	Weight Each	Part Number		Std. Pkg.	Opening
	A	B	C	D	(lb)	Chrome	Industrial Black	Qty.	
1-1/8	1-43/64	29/32	53/32	1-5/32	.19	SC36	BLKSC36	5	1-1/8
1-3/16	1-47/64	29/32	55/32	1-3/16	.19	SC38	BLKSC38	5	1-3/16
1-1/4	1-53/64	29/32	59/32	1-15/64	.19	SC40	BLKSC40	5	1-1/4
1-5/16	1-57/64	29/32	61/64	1-17/64	.19	SC42	BLKSC42	5	1-5/16
1-3/8	1-31/32	31/32	1-3/64	1-5/16	.25	SC44	BLKSC44	5	1-3/8
1-7/16	2-3/64	31/32	1-3/64	1-11/32	.25	SC46	BLKSC46	5	1-7/16
1-1/2	2-7/64	31/32	1-3/64	1-3/8	.25	SC48	BLKSC48	5	1-1/2
1-9/16	2-11/64	31/32	1-7/64	1-27/64	.31	SC50	BLKSC50	5	1-9/16
1-5/8	2-17/64	31/32	1-11/64	1-29/64	.31	SC52	BLKSC52	5	1-5/8
1-11/16	2-23/64	1-1/32	1-19/64	1-33/64	.31	SC54	BLKSC54	5	1-11/16
1-3/4	2-27/64	1-1/32	1-19/64	1-35/64	.38	SC56	BLKSC56	5	1-3/4
1-13/16	2-33/64	1-1/32	1-19/64	1-19/32	.38	SC58	BLKSC58	5	1-13/16
1-7/8	2-39/64	1-3/32	1-21/64	1-41/64	.44	SC60	BLKSC60	5	1-7/8
1-15/16	2-43/64	1-3/32	1-23/64	1-43/64	.50	SC62	BLKSC62	5	1-15/16
2	2-49/64	1-3/32	1-35/64	1-23/32	.50	SC64	BLKSC64	5	2





Type I Type II Type III

1/2" Drive Hex Bit Sockets

Bit Size	Type	Length	Drive End	Bit End	Bit Length	Weight	Part Number	Replacement	Std. Pkg.	Bit Size
		A	B	C	D	Each (lb)	Chrome	Hex Bit	Qty.	
1/4	I	3-5/16	15/16	21/32	1-13/16	.18	SA8	SA8B	5	1/4
5/16	I	3-5/16	15/16	21/32	1-13/16	.18	SA10	SA10B	5	5/16
3/8	I	3-5/16	15/16	45/64	1-13/16	.25	SA12	SA12B	5	3/8
7/16	I	3-5/16	15/16	3/4	1-13/16	.25	SA14	SA14B	5	7/16
1/2	I	3-5/8	15/16	15/16	2-1/8	.35	SA16	SA16B	5	1/2
9/16	I	3-5/8	1-1/64	1-1/64	2-1/8	.45	SA18	SA18B	5	9/16
5/8	II	4	1-1/64	1-1/64	2-1/2	.50	SA20	SA20B	5	5/8
3/4	III	4	1-1/64	2-31/64	2-1/2	.65	SA24	SA24B	5	3/4

1/2" Drive Socket & Sets – Chrome

S7K

1/2" DRIVE HEX BIT SOCKET SET

1/4" Hex Bit Socket 1/2" Dr.	SA8	1/2" Hex Bit Socket 1/2" Dr.	SA16
5/16" Hex Bit Socket 1/2" Dr.	SA10	9/16" Hex Bit Socket 1/2" Dr.	SA18
3/8" Hex Bit Socket 1/2" Dr.	SA12	5/8" Hex Bit Socket 1/2" Dr.	SA20
7/16" Hex Bit Socket 1/2" Dr.	SA14	Twist Lock Clip Rail	208R

S9K

1/2" DRIVE 6 POINT DEEP SOCKET SET

1/2" 6 pt. Deep Socket	SD616	13/16" 6 pt. Deep Socket	SD626
9/16" 6 pt. Deep Socket	SD618	7/8" 6 pt. Deep Socket	SD628
5/8" 6 pt. Deep Socket	SD620	15/16" 6 pt. Deep Socket	SD630
11/16" 6 pt. Deep Socket	SD622	1" 6 pt. Deep Socket	SD632
3/4" 6 pt. Deep Socket	SD624	Twist Lock Clip Rail	213R

S11K

1/2" DRIVE 12 POINT DEEP SOCKET SET

1/2" 12 pt.Deep Socket	SD1216	7/8" 12 pt. Deep Socket	SD1228
9/16" 12 pt.Deep Socket	SD1218	15/16" 12 pt. Deep Socket	SD1230
5/8" 12 pt.Deep Socket	SD1220	1" 12 pt. Deep Socket	SD1232
11/16" 12 pt.Deep Socket	SD1222	11/16" 12 pt. Deep Socket	SD1234
3/4" 12 pt.Deep Socket	SD1224	11/8" 12 pt. Deep Socket	SD1236
13/16" 12 pt.Deep Socket	SD1226	Twist Lock Clip Rail	213R

S12K

1/2" DRIVE 12 POINT STANDARD SOCKET SET

7/16" 12 pt. Socket	ST1214	7/8" 12 pt. Socket	ST1228
1/2" 12 pt. Socket	ST1216	15/16" 12 pt. Socket	ST1230
9/16" 12 pt. Socket	ST1218	1" 12 pt. Socket	ST1232
5/8" 12 pt. Socket	ST1220	10" Reversible Ratchet	SF51
11/16" 12 pt. Socket	ST1222	5" Extension	S110P
3/4" 12 pt. Socket	ST1224	Metal box	95
13/16" 12 pt. Socket	ST1226		

BC10K

3/8" AND 1/2" DRIVE HEX BIT SOCKETS SET

1/8" Hex Bit Socket 3/8" Dr.	BA4	3/8" Hex Bit Socket 3/8" Dr.	BA12
5/32" Hex Bit Socket 3/8" Dr.	BA55	1/2" Hex Bit Socket 1/2" Dr.	SA16
3/16" Hex Bit Socket 3/8" Dr.	BA6	9/16" Hex Bit Socket 1/2" Dr.	SA18
7/32" Hex Bit Socket 3/8" Dr.	BA7	5/8" Hex Bit Socket 1/2" Dr.	SA20
1/4" Hex Bit Socket 3/8" Dr.	BA8	Twist Lock Clip Rail	213R
5/16" Hex Bit Socket 3/8" Dr.	BA10		

1/2" Drive Socket Sets – Chrome

S13K

1/2" DRIVE 12 POINT STANDARD SOCKET SET

7/16" 12 pt. Socket	ST1214	7/8" 12 pt. Socket	ST1228
1/2" 12 pt. Socket	ST1216	15/16" 12 pt. Socket	ST1230
9/16" 12 pt. Socket	ST1218	1" 12 pt. Socket	ST1232
5/8" 12 pt. Socket	ST1220	1-1/16" 12 pt. Socket	ST1234
11/16" 12 pt. Socket	ST1222	1-1/8" 12 pt. Socket	ST1236
3/4" 12 pt. Socket	ST1224	1-1/4" 12 pt. Socket	ST1240
13/16" 12 pt. Socket	ST1226	Twist Lock Clip Rail	213R

S15K

1/2" DRIVE 6 POINT STANDARD SOCKET SET

3/8" 6 pt. Std. Socket	ST612	7/8" 6 pt. Std. Socket	ST628
7/16" 6 pt. Std. Socket	ST614	15/16" 6 pt. Std. Socket	ST630
1/2" 6 pt. Std. Socket	ST616	1" 6 pt. Std. Socket	ST632
9/16" 6 pt. Std. Socket	ST618	1-1/16" 6 pt. Std. Socket	ST634
5/8" 6 pt. Std. Socket	ST620	1-1/8" 6 pt. Std. Socket	ST636
11/16" 6 pt. Std. Socket	ST622	1-3/16" 6 pt. Std. Socket	ST638
3/4" 6 pt. Std. Socket	ST624	1-1/4" 6 pt. Std. Socket	ST640
13/16" 6 pt. Std. Socket	ST626	Twist Lock Clip Rail	213R

SC15K

1/2" DRIVE 12 POINT CROWFOOT SOCKET SET

1-1/8" 12 pt. Crowfoot	SC36	1-5/8" 12 pt. Crowfoot	SC52
1-3/16" 12 pt. Crowfoot	SC38	1-11/16" 12 pt. Crowfoot	SC54
1-1/4" 12 pt. Crowfoot	SC40	1-3/4" 12 pt. Crowfoot	SC56
1-5/16" 12 pt. Crowfoot	SC42	1-13/16" 12 pt. Crowfoot	SC58
1-3/8" 12 pt. Crowfoot	SC44	1-7/8" 12 pt. Crowfoot	SC60
1-7/16" 12 pt. Crowfoot	SC46	1-15/16" 12 pt. Crowfoot	SC62
1-1/2" 12 pt. Crowfoot	SC48	2" 12 pt. Crowfoot	SC64
1-9/16" 12 pt. Crowfoot	SC50	Twist Lock Clip Rail	218R

S16K

1/2" DRIVE 12 POINT STANDARD SOCKET SET

7/16" 12 pt. Socket	ST1214	1" 12 pt. Socket	ST1232
1/2" 12 pt. Socket	ST1216	1-1/16" 12 pt. Socket	ST1234
9/16" 12 pt. Socket	ST1218	1-1/8" 12 pt. Socket	ST1236
5/8" 12 pt. Socket	ST1220	1-1/4" 12 pt. Socket	ST1240
11/16" 12 pt. Socket	ST1222	10" Reversible Ratchet	SF51
3/4" 12 pt. Socket	ST1224	5" Extension	S110P
13/16" 12 pt. Socket	ST1226	Universal Joint	S140
7/8" 12 pt. Socket	ST1228	Metal box	95
15/16" 12 pt. Socket	ST1230		

1/2" Drive Socket Sets – Chrome

S17K

1/2" DRIVE 12 POINT STANDARD SOCKET SET

7/16" 12 pt. Std. Socket	ST1214	1" 12 pt. Std. Socket	ST1232
1/2" 12 pt. Std. Socket	ST1216	1-1/16" 12 pt. Std. Socket	ST1234
9/16" 12 pt. Std. Socket	ST1218	1-1/8" 12 pt. Std. Socket	ST1236
5/8" 12 pt. Std. Socket	ST1220	1-1/4" 12 pt. Std. Socket	ST1240
11/16" 12 pt. Std. Socket	ST1222	17" Flex Handle	SF41
3/4" 12 pt. Std. Socket	ST1224	10" Ratchet	SF51
13/16" 12 pt. Std. Socket	ST1226	5" Extension	S110P
7/8" 12 pt. Std. Socket	ST1228	Universal Joint	S140
15/16" 12 pt. Std. Socket	ST1230	Metal Box	99

S18K

1/2" DRIVE 12 POINT STANDARD SOCKET SET

7/16" 12 pt. Socket	ST1214	2" Extension	S102P
1/2" 12 pt. Socket	ST1216	5" Extension	S110P
9/16" 12 pt. Socket	ST1218	10" Extension	S115P
5/8" 12 pt. Socket	ST1220	Universal Joint	S140
11/16" 12 pt. Socket	ST1222	17" Flexible Handle	SF41
3/4" 12 pt. Socket	ST1224	10" Reversible Ratchet	SF51
13/16" 12 pt. Socket	ST1226	1/2"F to 3/8"M Adaptor	SH129
7/8" 12 pt. Socket	ST1228	1/2"F to 3/4"M Adaptor	SH130
15/16" 12 pt. Socket	ST1230	Metal Box	95
1" 12 pt. Socket	ST1232		

S19K

1/2" DRIVE 6 POINT STANDARD SOCKET SET

3/8" 6 pt. Std. Socket	ST612	1" 6 pt. Std. Socket	ST632
7/16" 6 pt. Std. Socket	ST614	1-1/16" 6 pt. Std. Socket	ST634
1/2" 6 pt. Std. Socket	ST616	1-1/8" 6 pt. Std. Socket	ST636
9/16" 6 pt. Std. Socket	ST618	1-1/4" 6 pt. Std. Socket	ST640
5/8" 6 pt. Std. Socket	ST620	17" Flex Handle	SF41
11/16" 6 pt. Std. Socket	ST622	10" Ratchet	SF51
3/4" 6 pt. Std. Socket	ST624	5" Extension	S110P
13/16" 6 pt. Std. Socket	ST626	10" Extension	S115P
7/8" 6 pt. Std. Socket	ST628	Metal Box	95
15/16" 6 pt. Std. Socket	ST630		

1/2" Drive Socket Sets – Chrome

S22K

1/2" DRIVE 12 POINT STANDARD SOCKET SET

3/8" 12 pt. Std. Socket	ST1212	1-1/8" 12 pt. Std. Socket	ST1236
7/16" 12 pt. Std. Socket	ST1214	1-3/16" 12 pt. Std. Socket	ST1238
1/2" 12 pt. Std. Socket	ST1216	1-1/4" 12 pt. Std. Socket	ST1240
9/16" 12 pt. Std. Socket	ST1218	17" Flex Handle	SF41
5/8" 12 pt. Std. Socket	ST1220	10" Ratchet	SF51
11/16" 12 pt. Std. Socket	ST1222	2" Extension	S102P
3/4" 12 pt. Std. Socket	ST1224	5" Extension	S110P
13/16" 12 pt. Std. Socket	ST1226	10" Extension	S115P
7/8" 12 pt. Std. Socket	ST1228	Universal Joint	S140
15/16" 12 pt. Std. Socket	ST1230	Drive Speeder	S15
1" 12 pt. Std. Socket	ST1232	Clip Rail	258
1-1/16" 12 pt. Socket	ST1234	Metal Box	99

S24K

1/2" DRIVE 12 POINT STANDARD SOCKET SET

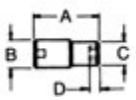
7/16" 12 pt. Socket	ST1214	1/2" 12 pt. Deep Socket	SD1216
1/2" 12 pt. Socket	ST1216	9/16" 12 pt. Deep Socket	SD1218
9/16" 12 pt. Socket	ST1218	5/8" 12 pt. Deep Socket	SD1220
5/8" 12 pt. Socket	ST1220	11/16" 12 pt. Deep Socket	SD1222
11/16" 12 pt. Socket	ST1222	3/4" 12 pt. Deep Socket	SD1224
3/4" 12 pt. Socket	ST1224	13/16" 12 pt. Deep Socket	SD1226
13/16" 12 pt. Socket	ST1226	7/8" 12 pt. Deep Socket	SD1228
7/8" 12 pt. Socket	ST1228	15/16" 12 pt. Deep Socket	SD1230
15/16" 12 pt. Socket	ST1230	17" Flexible Handle	SF41
1" 12 pt. Socket	ST1232	10" Reversible Ratchet	SF51
1-1/16" 12 pt. Socket	ST1234	10" Extension	S115P
1-1/8" 12 pt. Socket	ST1236	Tool Box	BX21
1-1/4" 12 pt. Socket	ST1240		

S36K (32 Pieces)

1/2" DRIVE 6 POINT STANDARD SOCKET SET

3/8" 12 pt. Std. Socket	ST1212	11/16" 12 pt. Deep Socket	SD1222
7/16" 12 pt. Std. Socket	ST1214	3/4" 12 pt. Deep Socket	SD1224
1/2" 12 pt. Std. Socket	ST1216	13/16" 12 pt. Deep Socket	SD1226
9/16" 12 pt. Std. Socket	ST1218	7/8" 12 pt. Deep Socket	SD1228
5/8" 12 pt. Std. Socket	ST1220	15/16" 12 pt. Deep Socket	SD1230
11/16" 12 pt. Std. Socket	ST1222	1" 12 pt. Deep Socket	SD1232
3/4" 12 pt. Std. Socket	ST1224	1-1/16" 12 pt. Deep Socket	SD1234
13/16" 12 pt. Std. Socket	ST1226	1-1/8" 12 pt. Deep Socket	SD1236
7/8" 12 pt. Std. Socket	ST1228	17-1/2" Speed Handle	S15
15/16" 12 pt. Std. Socket	ST1230	5" Extension	S110P
1" 12 pt. Std. Socket	ST1232	10" Extension	S115P
1-1/16" 12 pt. Std. Socket	ST1234	Universal Joint	S140
1-1/8" 12 pt. Std. Socket	ST1236	17" Flex Handle	SF41
1-1/4" 12 pt. Std. Socket	ST1240	10" Reversible Ratchet	SF51
1/2" 12 pt. Deep Socket	SD1216	1/2"F × 3/4"M Adaptor	SH130
9/16" 12 pt. Deep Socket	SD1218	Tool Box	BX21
5/8" 12 pt. Deep Socket	SD1220		

1/2" Drive Metric Socket Wrenches – Chrome



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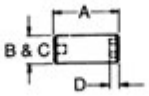

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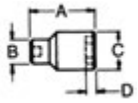

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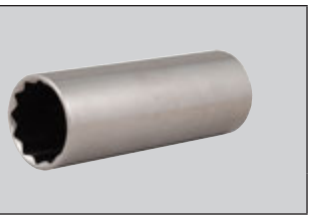


1/2" Square Drive 12 Point Standard – Metric

Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg.	Opening
		A	B	C	D	(lb)	Chrome	Qty.	
9 mm	I	37.5 mm	20.5 mm	13.0 mm	5.5 mm	.09	STM1209	5	9 mm
10 mm	I	37.5 mm	20.5 mm	14.5 mm	6.0 mm	.09	STM1210	5	10 mm
11 mm	I	37.5 mm	20.5 mm	16.5 mm	7.0 mm	.09	STM1211	5	11 mm
12 mm	I	37.5 mm	20.5 mm	17.5 mm	8.0 mm	.10	STM1212	5	12 mm
13 mm	I	37.5 mm	20.5 mm	18.5 mm	8.0 mm	.10	STM1213	5	13 mm
14 mm	II	37.5 mm	—	20.5 mm	8.5 mm	.12	STM1214	5	14 mm
15 mm	II	37.5 mm	—	22.0 mm	8.5 mm	.13	STM1215	5	15 mm
16 mm	II	37.5 mm	—	22.0 mm	9.5 mm	.13	STM1216	5	16 mm
17 mm	II	37.5 mm	—	24.0 mm	9.5 mm	.17	STM1217	5	17 mm
18 mm	II	37.5 mm	—	25.5 mm	10.5 mm	.14	STM1218	5	18 mm
19 mm	II	37.5 mm	—	27.0 mm	11.0 mm	.19	STM1219	5	19 mm
20 mm	II	38.0 mm	—	28.0 mm	11.5 mm	.17	STM1220	5	20 mm
21 mm	II	39.5 mm	—	29.0 mm	12.0 mm	.24	STM1221	5	21 mm
22 mm	II	41.5 mm	—	30.0 mm	12.5 mm	.24	STM1222	5	22 mm
23 mm	II	41.5 mm	—	31.0 mm	13.0 mm	.25	STM1223	5	23 mm
24 mm	II	41.5 mm	—	32.0 mm	14.0 mm	.29	STM1224	5	24 mm
25 mm	II	43.0 mm	—	33.5 mm	14.5 mm	.29	STM1225	5	25 mm
26 mm	III	44.5 mm	28.0 mm	35.0 mm	15.0 mm	.30	STM1226	5	26 mm
27 mm	III	44.5 mm	28.0 mm	35.5 mm	16.0 mm	.30	STM1227	5	27 mm
30 mm	III	47.5 mm	28.5 mm	40.0 mm	16.5 mm	.40	STM1230	5	30 mm
32 mm	III	49.0 mm	28.5 mm	42.0 mm	19.0 mm	.44	STM1232	5	32 mm
36 mm	III	51.0 mm	34.5 mm	49.5 mm	23.0 mm	.46	STM1236	5	36 mm

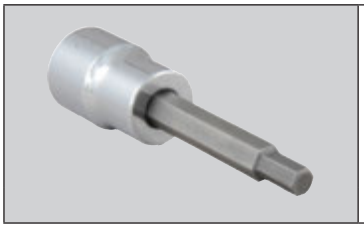
1/2" Square Drive 12 Point Deep – Metric

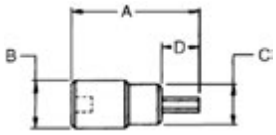
Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg.	Opening
		A	B	C	D	(lb)	Chrome	Qty.	
10 mm	I	79.5 mm	22.1 mm	15.2 mm	16.0 mm	.22	SMD1210	5	10 mm
11 mm	I	79.5 mm	22.1 mm	18.3 mm	17.0 mm	.22	SMD1211	5	11 mm
12 mm	I	79.5 mm	22.1 mm	18.8 mm	18.0 mm	.22	SMD1212	5	12 mm
13 mm	I	79.5 mm	22.1 mm	19.3 mm	20.1 mm	.26	SMD1213	5	13 mm
14 mm	I	79.5 mm	22.1 mm	21.8 mm	23.9 mm	.26	SMD1214	5	14 mm
15 mm	II	79.5 mm	—	21.8 mm	26.9 mm	.26	SMD1215	5	15 mm
16 mm	II	79.5 mm	—	22.1 mm	30.0 mm	.32	SMD1216	5	16 mm
17 mm	II	79.5 mm	—	24.4 mm	31.0 mm	.32	SMD1217	5	17 mm
18 mm	II	79.5 mm	—	25.4 mm	31.0 mm	.33	SMD1218	5	18 mm
19 mm	II	79.5 mm	—	26.9 mm	33.0 mm	.38	SMD1219	5	19 mm
20 mm	II	79.5 mm	—	27.9 mm	33.0 mm	.41	SMD1220	5	20 mm
21 mm	II	79.5 mm	—	28.4 mm	33.0 mm	.41	SMD1221	5	21 mm
22 mm	II	79.5 mm	—	30.2 mm	33.0 mm	.46	SMD1222	5	22 mm
23 mm	II	79.5 mm	—	31.0 mm	33.0 mm	.51	SMD1223	5	23 mm
24 mm	II	79.5 mm	—	32.0 mm	35.1 mm	.57	SMD1224	5	24 mm
25 mm	II	79.5 mm	—	33.3 mm	35.1 mm	.70	SMD1225	5	25 mm
26 mm	II	79.5 mm	—	34.0 mm	35.1 mm	.74	SMD1226	5	26 mm
27 mm	II	79.5 mm	—	35.8 mm	35.1 mm	.78	SMD1227	5	27 mm

1/2" Drive Metric Socket Wrenches – Chrome

1/2" Drive Metric Crowfoot Wrench — Flare Nut 12 Pt.

Opening	Diameter of Head	Thickness of Head	Width of Slot	Length of Centers	Weight Each	Part Number	Std. Pkg.	Opening
	A	B	C	D	(lb)	Chrome	Qty.	
28 mm	42.5 mm	23.0 mm	21.0 mm	29.5 mm	.19	SC28MM	5	28 mm
30 mm	44.0 mm	23.0 mm	21.0 mm	30.0 mm	.19	SC30MM	5	30 mm
32 mm	48.0 mm	23.0 mm	24.0 mm	32.0 mm	.19	SC32MM	5	32 mm
34 mm	50.0 mm	24.5 mm	26.5 mm	33.5 mm	.19	SC34MM	5	34 mm
36 mm	52.0 mm	24.5 mm	26.5 mm	34.0 mm	.19	SC36MM	5	36 mm
38 mm	53.5 mm	24.5 mm	28.0 mm	35.0 mm	.19	SC38MM	5	38 mm
40 mm	57.5 mm	24.5 mm	30.0 mm	37.0 mm	.19	SC40MM	5	40 mm
41 mm	57.5 mm	24.5 mm	30.0 mm	37.0 mm	.19	SC41MM	5	41 mm
46 mm	64.0 mm	26.0 mm	33.0 mm	40.5 mm	.25	SC46MM	5	46 mm
50 mm	70.0 mm	28.0 mm	39.5 mm	43.5 mm	.25	SC50MM	5	50 mm





Type I

1/2" Drive Hex Bit Metric Sockets

Bit Size	Type	Length	Drive End	Bit End	Bit Length	Weight	Part Number	Replacement	Std. Pkg.	Bit Size
		A	B	C	D	Each (lb)	Chrome	Hex Bit	Qty.	
6 mm	I	6 mm	83.5 mm	23.74 mm	45.5 mm	0.2	SA6MM	SA6MMB	5	6 mm
8 mm	I	8 mm	83.5 mm	23.74 mm	45.5 mm	0.2	SA8MM	SA8MMB	5	8 mm
10 mm	I	10 mm	83.5 mm	23.74 mm	45.5 mm	0.25	SA10MM	SA10MMB	5	10 mm
12 mm	I	12 mm	92.5 mm	25.75 mm	54.5 mm	0.35	SA12MM	SA12MMB	5	12 mm
14 mm	I	14 mm	92.5 mm	25.75 mm	54.5 mm	0.4	SA14MM	SA14MMB	5	14 mm
17 mm	I	17 mm	100 mm	27.75 mm	62.7 mm	0.6	SA17MM	SA17MMB	5	17 mm
19 mm	I	19 mm	100 mm	27.75 mm	62.7 mm	0.65	SA19MM	SA19MMB	5	19 mm

1/2" Drive Metric Socket Sets – Chrome

MS10K

METRIC

1/2" DRIVE 12 POINT DEEP METRIC SOCKET SET

16 mm 12 pt. Deep Socket	SMD1216	22 mm 12 pt. Deep Socket	SMD1222
17 mm 12 pt. Deep Socket	SMD1217	24 mm 12 pt. Deep Socket	SMD1224
18 mm 12 pt. Deep Socket	SMD1218	25 mm 12 pt. Deep Socket	SMD1225
19 mm 12 pt. Deep Socket	SMD1219	26 mm 12 pt. Deep Socket	SMD1226
20 mm 12 pt. Deep Socket	SMD1220	Twist Lock Clip Rail	213B
21 mm 12 pt. Deep Socket	SMD1221		

MS16K

METRIC

1/2" DRIVE 12 POINT STANDARD METRIC SOCKET SET

10 mm 12 pt. Std. Socket	STM1210	19 mm 12 pt. Std. Socket	STM1219
11 mm 12 pt. Std. Socket	STM1211	20 mm 12 pt. Std. Socket	STM1220
12 mm 12 pt. Std. Socket	STM1212	21 mm 12 pt. Std. Socket	STM1221
13 mm 12 pt. Std. Socket	STM1213	22 mm 12 pt. Std. Socket	STM1222
14 mm 12 pt. Std. Socket	STM1214	23 mm 12 pt. Std. Socket	STM1223
15 mm 12 pt. Std. Socket	STM1215	10" Ratchet	SF51
16 mm 12 pt. Std. Socket	STM1216	5" Extension	S110P
17 mm 12 pt. Std. Socket	STM1217	Metal Box	95
18 mm 12 pt. Std. Socket	STM1218		

MS17K

METRIC

1/2" DRIVE 12 POINT STANDARD METRIC SOCKET SET

10 mm 12 pt. Socket	STM1210	19 mm 12 pt. Socket	STM1219
11 mm 12 pt. Socket	STM1211	20 mm 12 pt. Socket	STM1220
12 mm 12 pt. Socket	STM1212	21 mm 12 pt. Socket	STM1221
13 mm 12 pt. Socket	STM1213	22 mm 12 pt. Socket	STM1222
14 mm 12 pt. Socket	STM1214	24 mm 12 pt. Socket	STM1224
15 mm 12 pt. Socket	STM1215	10" Reversible Ratchet	SF51
16 mm 12 pt. Socket	STM1216	17" Flexible Handle	SF41
17 mm 12 pt. Socket	STM1217	5" Extension	S110P
18 mm 12 pt. Socket	STM1218	Metal Box	95

MS18K

METRIC

1/2" DRIVE 12 POINT STANDARD METRIC SOCKET SET

9 mm 12 pt. Socket	STM1209	19 mm 12 pt. Socket	STM1219
10 mm 12 pt. Socket	STM1210	20 mm 12 pt. Socket	STM1220
11 mm 12 pt. Socket	STM1211	21 mm 12 pt. Socket	STM1221
12 mm 12 pt. Socket	STM1212	22 mm 12 pt. Socket	STM1222
13 mm 12 pt. Socket	STM1213	24 mm 12 pt. Socket	STM1224
14 mm 12 pt. Socket	STM1214	27 mm 12 pt. Socket	STM1227
15 mm 12 pt. Socket	STM1215	30 mm 12 pt. Socket	STM1230
16 mm 12 pt. Socket	STM1216	32 mm 12 pt. Socket	STM1232
17 mm 12 pt. Socket	STM1217	Twist Lock Clip Rail	218B
18 mm 12 pt. Socket	STM1218		

BC10KM

METRIC

3/8" AND 1/2" DRIVE METRIC HEX BIT SOCKETS SET

4 mm Hex Bit Socket 3/8" Dr.	BA4MM	10 mm Hex Bit Socket 3/8" Dr.	BA10MM
5 mm Hex Bit Socket 3/8" Dr.	BA5MM	12 mm Hex Bit Socket 1/2" Dr.	SA12MM
6 mm Hex Bit Socket 3/8" Dr.	BA6MM	14 mm Hex Bit Socket 1/2" Dr.	SA14MM
7 mm Hex Bit Socket 3/8" Dr.	BA7MM	17 mm Hex Bit Socket 1/2" Dr.	SA17MM
8 mm Hex Bit Socket 3/8" Dr.	BA8MM	Twist Lock Clip Rail	213B
9 mm Hex Bit Socket 3/8" Dr.	BA9MM		

1/2" Drive Metric Socket Sets – Chrome

S7KM

METRIC

1/2" DRIVE METRIC HEX BIT SOCKETS SET

6 mm Hex Bit Socket 1/2" Dr.	SA6MM	14 mm Hex Bit Socket 1/2" Dr.	SA14MM
8 mm Hex Bit Socket 1/2" Dr.	SA8MM	17 mm Hex Bit Socket 1/2" Dr.	SA17MM
10 mm Hex Bit Socket 1/2" Dr.	SA10MM	19 mm Hex Bit Socket 1/2" Dr.	SA19MM
12 mm Hex Bit Socket 1/2" Dr.	SA12MM	Twist Lock Clip Rail	208B

SC10KM

METRIC

1/2" DRIVE 12 POINT METRIC CROWFOOT SOCKET SET

28 mm 12 Pt. Crowfoot	SC28MM	40 mm 12 Pt. Crowfoot	SC40MM
30 mm 12 Pt. Crowfoot	SC30MM	41 mm 12 Pt. Crowfoot	SC41MM
32 mm 12 Pt. Crowfoot	SC32MM	46 mm 12 Pt. Crowfoot	SC46MM
34 mm 12 Pt. Crowfoot	SC34MM	50 mm 12 Pt. Crowfoot	SC50MM
36 mm 12 Pt. Crowfoot	SC36MM	Twist Lock Clip Rail	208B
38 mm 12 Pt. Crowfoot	SC38MM		

MS27K

METRIC

1/2" DRIVE 12 POINT STANDARD METRIC SOCKET SET

10 mm 12 pt. Std. Socket	STM1210	25 mm 12 pt. Std. Socket	STM1225
11 mm 12 pt. Std. Socket	STM1211	26 mm 12 pt. Std. Socket	STM1226
12 mm 12 pt. Std. Socket	STM1212	27 mm 12 pt. Std. Socket	STM1227
13 mm 12 pt. Std. Socket	STM1213	30 mm 12 pt. Std. Socket	STM1230
14 mm 12 pt. Std. Socket	STM1214	32 mm 12 pt. Std. Socket	STM1232
15 mm 12 pt. Std. Socket	STM1215	36 mm 12 pt. Std. Socket	STM1236
16 mm 12 pt. Std. Socket	STM1216	17" Flex Handle	SF41
17 mm 12 pt. Std. Socket	STM1217	10" Ratchet	SF51
18 mm 12 pt. Std. Socket	STM1218	2" Extension	S102P
19 mm 12 pt. Std. Socket	STM1219	5" Extension	S110P
20 mm 12 pt. Std. Socket	STM1220	10" Extension	S115P
21 mm 12 pt. Std. Socket	STM1221	Universal Joint	S140
22 mm 12 pt. Std. Socket	STM1222	Clip Rail	248
23 mm 12 pt. Std. Socket	STM1223	Clip Rail	258
24 mm 12 pt. Std. Socket	STM1224	Metal Box	BX21

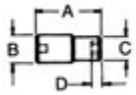
MS31K

METRIC

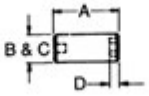
1/2" DRIVE 12 POINT STANDARD AND DEEP METRIC SOCKET SET

10 mm 12 pt. Std. Socket	STM1210	16 mm 12 pt. Deep Socket	SMD1216
11 mm 12 pt. Std. Socket	STM1211	17 mm 12 pt. Deep Socket	SMD1217
12 mm 12 pt. Std. Socket	STM1212	18 mm 12 pt. Deep Socket	SMD1218
13 mm 12 pt. Std. Socket	STM1213	19 mm 12 pt. Deep Socket	SMD1219
14 mm 12 pt. Std. Socket	STM1214	20 mm 12 pt. Deep Socket	SMD1220
15 mm 12 pt. Std. Socket	STM1215	21 mm 12 pt. Deep Socket	SMD1221
16 mm 12 pt. Std. Socket	STM1216	22 mm 12 pt. Deep Socket	SMD1222
17 mm 12 pt. Std. Socket	STM1217	24 mm 12 pt. Deep Socket	SMD1224
18 mm 12 pt. Std. Socket	STM1218	25 mm 12 pt. Deep Socket	SMD1225
19 mm 12 pt. Std. Socket	STM1219	26 mm 12 pt. Deep Socket	SMD1226
20 mm 12 pt. Std. Socket	STM1220	5" Extension	S110P
21 mm 12 pt. Std. Socket	STM1221	10" Extension	S115P
22 mm 12 pt. Std. Socket	STM1222	17" Flexible Handle	SF41
23 mm 12 pt. Std. Socket	STM1223	10" Reversible Ratchet	SF51
24 mm 12 pt. Std. Socket	STM1224	Clip Rail	258
25 mm 12 pt. Std. Socket	STM1225	Clip Rail	261
26 mm 12 pt. Std. Socket	STM1226	Metal Box	BX21

1/2" Drive
Power/Impact



Type I



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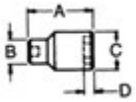
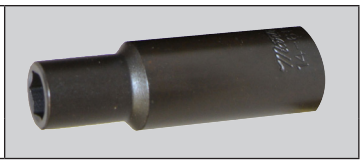


Type III



Martin Heavy-Duty Power Impact Sockets are Specially Designed for Use with All Types of Power Wrenches. All Sockets are Hot Forged from the Finest Alloy Steels for Maximum Strength and Durability. Heat Treated by Carefully Controlled Methods, the Sockets are Accurately Broached in 6 Point Openings. All Power Impact Sockets are Finished in Rust Resistant Black Oxide.

1/2" Square Drive 6 Point Standard

Opening	Type	Length A	Drive End B	Opening End C	Minimum Depth D	Weight Each (lb)	Part Number Industrial Black	Std. Pkg. Qty.	Opening
3/8	I	1-15/32	15/16	21/32	5/32	.14	4612	5	3/8
7/16	I	1-15/32	15/16	45/64	7/32	.16	4614	5	7/16
1/2	I	1-15/32	15/16	25/32	7/64	.18	4616	5	1/2
9/16	I	1-15/32	15/16	55/64	21/64	.17	4618	5	9/16
5/8	II	1-15/32	—	15/16	3/8	.20	4620	5	5/8
11/16	II	1-1/2	—	1	3/8	.23	4622	5	11/16
3/4	II	1-1/2	—	1-5/64	7/16	.23	4624	5	3/4
13/16	II	1-9/16	—	1-5/32	29/64	.25	4626	5	13/16
7/8	II	1-5/8	—	1-7/32	1/2	.31	4628	5	7/8
15/16	II	1-5/8	—	1-19/64	35/64	.33	4630	5	15/16
1	III	1-11/16	1-3/8	1-23/64	35/64	.45	4632	5	1
1-1/16	III	1-3/4	1-3/8	1-7/16	5/8	.50	4634	5	1-1/16
1-1/8	III	1-13/16	1-3/8	1-1/2	21/32	.60	4636	5	1-1/8
1-3/16	III	1-7/8	1-3/8	1-11/16	21/32	.65	4638	5	1-3/16
1-1/4	III	1-59/64	1-3/8	1-3/4	3/4	.70	4640	5	1-1/4
1-5/16	III	2	1-3/8	2-1/64	1-1/16	.80	4642	5	1-5/16
1-3/8	III	2-1/16	1-17/32	2-1/16	1-1/8	.95	4644	5	1-3/8
1-7/16	III	2-1/8	1-17/32	2-5/32	1-5/32	1.00	4646	5	1-7/16
1-1/2	III	2-3/16	1-17/32	2-15/64	1-3/16	1.15	4648	5	1-1/2

1/2" Square Drive 6 Point Deep

Opening	Type	Length A	Drive End B	Opening End C	Minimum Depth D	Weight Each (lb)	Part Number Industrial Black	Std. Pkg. Qty.	Opening
3/8	I	3-1/4	15/16	5/8	5/32	.42	14612	5	3/8
7/16	I	3-1/4	15/16	45/64	7/32	.42	14614	5	7/16
1/2	I	3-1/4	15/16	25/32	17/64	.43	14616	5	1/2
9/16	I	3-1/4	15/16	55/64	21/64	.43	14618	5	9/16
5/8	II	3-1/4	—	15/16	3/8	.40	14620	5	5/8
11/16	II	3-1/4	—	1	2-35/64	.37	14622	5	11/16
3/4	II	3-1/4	—	1-5/64	2-1/2	.45	14624	5	3/4
13/16	II	3-1/4	—	1-5/32	2-1/2	.49	14626	5	13/16
7/8	II	3-1/4	—	1-7/32	2-3/4	.54	14628	5	7/8
15/16	II	3-1/4	—	1-19/64	2-27/64	.62	14630	5	15/16
1	III	3-1/2	1-3/32	1-23/64	2-45/64	.57	14632	5	1
1-1/16	III	3-1/2	1-7/64	1-7/16	2-21/32	.62	14634	5	1-1/16
1-1/8	III	3-1/2	1-7/64	1-5/8	2-5/8	.62	14636	5	1-1/8
1-3/16	III	3-1/2	1-7/64	1-3/4	2-19/32	.73	14638	5	1-3/16
1-1/4	III	3-1/2	1-7/64	1-41/64	2-19/32	.73	14640	5	1-1/4
1-5/16	III	3-5/8	1-7/64	2-1/64	2-9/16	.85	14642	5	1-5/16
1-3/8	III	3-5/8	1-17/32	2-1/16	2-35/64	.89	14644	5	1-3/8
1-7/16	III	3-5/8	1-17/32	2-5/32	2-1/2	.9	14646	5	1-7/16
1-1/2	III	3-5/8	1-17/32	2-15/64	2-1/2	1.0	14648	5	1-1/2

Item	Description	Wt. Ea. (lb)	Part No.	Std. Pkg. Qty.
Universal	1/2 U-Joint	.44	4140A	5
Adaptor	1/2 F × 3/8M	.13	42A	5
Adaptor	1/2 F × 3/4M	.44	46	5
Extension	6" Extension	.67	4105A	5

1/2" Drive Power/Impact Sets

IS6K

1/2" DRIVE 6 POINT STANDARD IMPACT SOCKET SET

1/2" 6 pt. Socket	4616	3/4" 6 pt. Socket	4624
9/16" 6 pt. Socket	4618	13/16" 6 pt. Socket	4626
5/8" 6 pt. Socket	4620	Twist Lock Clip Rail	208R
11/16" 6 pt. Socket	4622		

IS6KD

1/2" DRIVE 6 POINT DEEP IMPACT SOCKET SET

1/2" 6 pt. Deep Socket	14616	3/4" 6 pt. Deep Socket	14624
9/16" 6 pt. Deep Socket	14618	13/16" 6 pt. Deep Socket	14626
5/8" 6 pt. Deep Socket	14620	Twist Lock Clip Rail	208R
11/16" 6 pt. Deep Socket	14622		

IS10KD

1/2" DRIVE 6 POINT DEEP IMPACT SOCKET SET

7/16" 6 pt. Deep Socket	14614	13/16" 6 pt. Deep Socket	14626
1/2" 6 pt. Deep Socket	14616	7/8" 6 pt. Deep Socket	14628
9/16" 6 pt. Deep Socket	14618	15/16" 6 pt. Deep Socket	14630
5/8" 6 pt. Deep Socket	14620	1" 6 pt. Deep Socket	14632
11/16" 6 pt. Deep Socket	14622	Twist Lock Clip Rail	213R
3/4" 6 pt. Deep Socket	14624		

IS10K

1/2" DRIVE 6 POINT STANDARD IMPACT SOCKET SET

7/16" 6 pt. Socket	4614	13/16" 6 pt. Socket	4626
1/2" 6 pt. Socket	4616	7/8" 6 pt. Socket	4628
9/16" 6 pt. Socket	4618	15/16" 6 pt. Socket	4630
5/8" 6 pt. Socket	4620	1" 6 pt. Socket	4632
11/16" 6 pt. Socket	4622	Twist Lock Clip Rail	213R
3/4" 6 pt. Socket	4624		

IS13K

1/2" DRIVE 6 POINT STANDARD IMPACT SOCKET SET

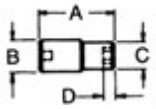
3/8" 6 pt. Socket	4612	13/16" 6 pt. Socket	4626
7/16" 6 pt. Socket	4614	7/8" 6 pt. Socket	4628
1/2" 6 pt. Socket	4616	15/16" 6 pt. Socket	4630
9/16" 6 pt. Socket	4618	1" 6 pt. Socket	4632
5/8" 6 pt. Socket	4620	1-1/16" 6 pt. Socket	4634
11/16" 6 pt. Socket	4622	1-1/8" 6 pt. Socket	4636
3/4" 6 pt. Socket	4624	Twist Lock Clip Rail	213R

IS15K

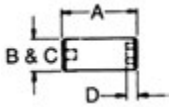
1/2" DRIVE 6 POINT STANDARD IMPACT SOCKET SET

3/8" 6 pt. Socket	4612	15/16" 6 pt. Socket	4630
7/16" 6 pt. Socket	4614	1" 6 pt. Socket	4632
1/2" 6 pt. Socket	4616	1-1/16" 6 pt. Socket	4634
9/16" 6 pt. Socket	4618	1-1/8" 6 pt. Socket	4636
5/8" 6 pt. Socket	4620	1-3/16" 6 pt. Socket	4638
11/16" 6 pt. Socket	4622	1-1/4" 6 pt. Socket	4640
3/4" 6 pt. Socket	4624	Twist Lock Clip Rail	213R
13/16" 6 pt. Socket	4626	Twist Lock Clip Rail	208R
7/8" 6 pt. Socket	4628		

1/2" Drive Metric Socket Sets
Power/Impact



Type I



Type II

1/2" Square Drive 6 Point Standard – Metric

Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each (lb)	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D		Industrial Black		
13 mm	I	38.0 mm	24.7 mm	18.9 mm	8.0 mm	.17	4M613	5	13 mm
14 mm	I	38.0 mm	24.7 mm	20.3 mm	9.0 mm	.17	4M614	5	14 mm
15 mm	II	38.0 mm	—	24.7 mm	9.0 mm	.17	4M615	5	15 mm
16 mm	II	38.0 mm	—	24.7 mm	10.0 mm	.17	4M616	5	16 mm
17 mm	II	38.0 mm	—	26.3 mm	11.0 mm	.17	4M617	5	17 mm
18 mm	II	38.0 mm	—	27.2 mm	12.0 mm	.17	4M618	5	18 mm
19 mm	II	41.0 mm	—	29.5 mm	12.0 mm	.09	4M619	5	19 mm
21 mm	II	41.0 mm	—	32.0 mm	13.0 mm	.09	4M621	5	21 mm
22 mm	II	41.0 mm	—	33.0 mm	14.0 mm	.09	4M622	5	22 mm
24 mm	II	41.0 mm	—	35.5 mm	14.5 mm	.09	4M624	5	24 mm
27 mm	II	41.0 mm	—	39.6 mm	14.5 mm	.09	4M627	5	27 mm

MIS6K

METRIC

1/2" DRIVE 6 POINT STANDARD METRIC IMPACT SOCKET SET

13 mm 6 pt. Std. Socket	4M613	17 mm 6 pt. Std. Socket	4M617
14 mm 6 pt. Std. Socket	4M614	18 mm 6 pt. Std. Socket	4M618
15 mm 6 pt. Std. Socket	4M615	Twist Lock Clip Rail	208B
16 mm 6 pt. Std. Socket	4M616		

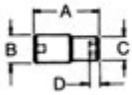
MIS11K

METRIC

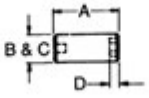
1/2" DRIVE 6 POINT STANDARD METRIC IMPACT SOCKET SET

13 mm 6 pt. Std. Socket	4M613	19 mm 6 pt. Std. Socket	4M619
14 mm 6 pt. Std. Socket	4M614	21 mm 6 pt. Std. Socket	4M621
15 mm 6 pt. Std. Socket	4M615	22 mm 6 pt. Std. Socket	4M622
16 mm 6 pt. Std. Socket	4M616	24 mm 6 pt. Std. Socket	4M624
17 mm 6 pt. Std. Socket	4M617	27 mm 6 pt. Std. Socket	4M627
18 mm 6 pt. Std. Socket	4M618	Twist Lock Clip Rail	213B

3/4" Drive Sockets & Attachments – Chrome



Type I



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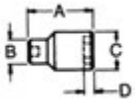


Type III

3/4" Square Drive 12 Point Standard Chrome

Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each (lb)	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D		Chrome		
3/4	I	2	1-19/64	1-13/64	1/2	.40	H1224	5	3/4
13/16	II	2	—	1-19/64	1/2	.41	H1226	5	13/16
7/8	II	2	—	1-11/32	1/2	.35	H1228	5	7/8
15/16	II	2	—	1-3/8	35/64	.43	H1230	5	15/16
1	II	2-1/16	—	1-7/16	35/64	.50	H1232	5	1
1-1/16	III	2-1/16	1-7/16	1-9/16	5/8	.57	H1234	5	1-1/16
1-1/8	III	2-1/8	1-7/16	1-5/8	21/32	.65	H1236	5	1-1/8
1-3/16	III	2-1/16	1-7/16	1-11/16	21/32	.59	H1238	5	1-3/16
1-1/4	III	2-3/16	1-9/16	1-13/16	3/4	.78	H1240	5	1-1/4
1-5/16	III	2-1/4	1-9/16	1-7/8	49/64	.79	H1242	3	1-5/16
1-3/8	III	2-1/4	1-9/16	1-7/8	25/32	.69	H1244	3	1-3/8
1-7/16	III	2-5/16	1-9/16	2-1/64	7/8	.87	H1246	3	1-7/16
1-1/2	III	2-5/16	1-35/64	2-3/32	55/64	.94	H1248	3	1-1/2
1-9/16	III	2-5/16	1-19/32	2-3/32	55/64	.91	H1250	3	1-9/16
1-5/8	III	2-3/8	1-19/32	2-5/32	1	.98	H1252	3	1-5/8
1-11/16	III	2-7/16	1-5/8	2-7/32	1	1.00	H1254	3	1-11/16
1-3/4	III	2-1/2	1-21/32	2-5/16	1-3/32	1.23	H1256	3	1-3/4
1-13/16	III	2-13/16	1-3/4	2-3/8	1-1/8	1.31	H1258	3	1-13/16
1-7/8	III	2-7/8	1-3/4	2-15/32	1-1/8	1.33	H1260	3	1-7/8
2	III	3	1-3/4	2-39/64	1-7/32	1.54	H1264	1	2
2-1/16	III	3-1/32	1-15/16	2-23/32	1-7/32	2.13	H1266	1	2-1/16
2-1/8	III	3-1/16	1-15/16	2-55/64	1-7/32	2.19	H1268	1	2-1/8
2-3/16	III	3-1/16	1-15/16	2-55/64	1-3/8	2.00	H1270	1	2-3/16
2-1/4	III	3-3/16	2	3-1/16	1-3/8	2.50	H1272	1	2-1/4
2-3/8	III	3-1/4	2	3-1/16	1-3/8	2.16	H1276	1	2-3/8

Item	3/4" Attachment	Description	Weight Each (lb)	Chrome Part No.	Black Part No.	Std. Pkg. Qty.
Flexible Handle		21-5/8" Flexible Hdl.	5.63	H41A	–	1
		21-5/8" Flexible Hdl.	5.63	–	BLKH41A	1
Ratchet		20" Rev. Ratchet	5.38	H51	–	1
Repair Kit		Ratchet Repair Kit	1	H51RU	–	1
Ratchet		24" Rev. Ratchet	5.38	–	BLKH51	1
Repair Kit		Ratchet Repair Kit	1	–	BLKH51RU	1
Sliding T		17-1/2" Sliding Hdl.	2.45	H20A	–	1
Extension		3-1/2" Extension	1.27	H104	–	1
		8" Extension	2.25	H110	–	1
		16" Extension	3.13	H115	–	1
Universal		U-Joint	1.08	H140	–	1

3/4" Drive Socket Sets – Chrome

H12K

3/4" DRIVE 12 POINT STANDARD SOCKET SET

7/8" 12 pt. Socket	H1228	1-7/16" 12 pt. Socket	H1246
15/16" 12 pt. Socket	H1230	1-1/2" 12 pt. Socket	H1248
1-1/16" 12 pt. Socket	H1234	1-5/8" 12 pt. Socket	H1252
1-1/8" 12 pt. Socket	H1236	Rev. Ratchet	H51
1-1/4" 12 pt. Socket	H1240	8" Extension	H110
1-5/16" 12 pt. Socket	H1242	Metal Box	96A
1-3/8" 12 pt. Socket	H1244		

H17K

3/4" DRIVE 12 POINT STANDARD SOCKET SET

7/8" 12 pt. Socket	H1228	1-5/8" 12 pt. Socket	H1252
15/16" 12 pt. Socket	H1230	1-3/4" 12 pt. Socket	H1256
1-1/16" 12 pt. Socket	H1234	1-13/16" 12 pt. Socket	H1258
1-1/8" 12 pt. Socket	H1236	1-7/8" 12 pt. Socket	H1260
1-1/4" 12 pt. Socket	H1240	2" 12 pt. Socket	H1264
1-5/16" 12 pt. Socket	H1242	Rev. Ratchet	H51
1-3/8" 12 pt. Socket	H1244	8" Extension	H110
1-7/16" 12 pt. Socket	H1246	16" Extension	H115
1-1/2" 12 pt. Socket	H1248	Metal Box	237

H20K

3/4" DRIVE 12 POINT STANDARD SOCKET SET

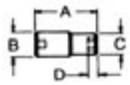
7/8" 12 pt. Socket	H1228	1-11/16" 12 pt. Socket	H1254
15/16" 12 pt. Socket	H1230	1-3/4" 12 pt. Socket	H1256
1" 12 pt. Socket	H1232	1-13/16" 12 pt. Socket	H1258
1-1/16" 12 pt. Socket	H1234	1-7/8" 12 pt. Socket	H1260
1-1/8" 12 pt. Socket	H1236	2" 12 pt. Socket	H1264
1-1/4" 12 pt. Socket	H1240	Rev. Ratchet	H51
1-5/16" 12 pt. Socket	H1242	3-1/2" Extension	H104
1-3/8" 12 pt. Socket	H1244	8" Extension	H110
1-7/16" 12 pt. Socket	H1246	2-15/8" Flexible Hdle.	H41A
1-1/2" 12 pt. Socket	H1248	Metal Box	237
1-5/8" 12 pt. Socket	H1252		

H22K

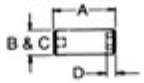
3/4" DRIVE 12 POINT STANDARD SOCKET SET

7/8" 12 pt. Socket	H1228	1-11/16" 12 pt. Socket	H1254
15/16" 12 pt. Socket	H1230	1-3/4" 12 pt. Socket	H1256
1" 12 pt. Socket	H1232	1-13/16" 12 pt. Socket	H1258
1-1/16" 12 pt. Socket	H1234	1-7/8" 12 pt. Socket	H1260
1-1/8" 12 pt. Socket	H1236	2" 12 pt. Socket	H1264
1-1/4" 12 pt. Socket	H1240	Rev. Ratchet	H51
1-5/16" 12 pt. Socket	H1242	3-1/2" Extension	H104
1-3/8" 12 pt. Socket	H1244	8" Extension	H110
1-7/16" 12 pt. Socket	H1246	16" Extension	H115
1-1/2" 12 pt. Socket	H1248	Universal Joint	H140
1-9/16" 12 pt. Socket	H1250	Metal Box	237
1-5/8" 12 pt. Socket	H1252		

3/4" Drive Power/Impact



Type I



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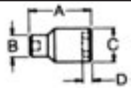


Type III

3/4" Square Drive 6 Point Standard

Opening	Type	Length A	Drive End B	Opening End C	Minimum Depth D	Weight Each (lb)	Part Number Industrial Black	Std. Pkg. Qty.	Opening
5/8	I	2-1/8	1-5/8	1-5/8	9/32	.65	6620	5	5/8
11/16	I	2-1/8	1-5/8	1-5/8	5/16	.66	6622	5	11/16
3/4	I	2-1/8	1-5/8	1-15/64	9/16	.67	6624	5	3/4
13/16	I	2-1/8	1-5/8	1-23/64	39/64	.75	6626	5	13/16
7/8	I	2-1/8	1-5/8	1-1/2	39/64	.91	6628	5	7/8
15/16	I	2-1/8	1-5/8	1-9/16	19/32	.77	6630	5	15/16
1	II	2-1/8	—	1-5/8	35/64	.85	6632	5	1
1-1/16	II	2-1/8	—	1-11/16	13/16	.83	6634	5	1-1/16
1-1/8	II	2-1/8	—	1-3/4	13/16	.92	6636	5	1-1/8
1-3/16	II	2-1/8	—	1-7/8	7/8	.94	6638	5	1-3/16
1-1/4	II	2-1/8	—	2	29/32	1.24	6640	3	1-1/4
1-5/16	II	2-1/8	—	2	49/64	1.38	6642	3	1-5/16
1-3/8	III	2-1/4	1-29/32	2-1/8	25/32	1.38	6644	3	1-3/8
1-7/16	III	2-1/4	1-29/32	2-1/8	51/64	1.33	6646	3	1-7/16
1-1/2	III	2-1/2	1-29/32	2-5/16	55/64	1.71	6648	3	1-1/2
1-9/16	III	2-1/2	1-29/32	2-13/32	55/64	1.80	6650	3	1-9/16
1-5/8	III	2-1/2	1-29/32	2-7/16	1	1.83	6652	3	1-5/8
1-11/16	III	2-5/8	1-29/32	2-1/2	1	1.90	6654	3	1-11/16
1-3/4	III	2-5/8	1-29/32	2-9/16	1	2.01	6656	3	1-3/4
1-13/16	III	2-5/8	1-29/32	2-5/8	1	2.16	6658	3	1-13/16
1-7/8	III	2-3/4	1-29/32	2-23/32	1-1/16	2.20	6660	3	1-7/8
1-15/16	III	2-3/4	1-29/32	2-13/16	1-1/16	2.25	6662	3	1-15/16
2	III	2-7/8	1-29/32	2-15/16	1-1/16	2.30	6664	3	2
2-1/16	III	2-7/8	1-29/32	2-31/32	1-35/64	—	6666	3	2-1/16
2-1/8	III	3-1/16	1-29/32	3-3/64	1-23/32	—	6668	3	2-1/8
2-3/16	III	3-3/16	1-29/32	3-9/64	1-13/16	—	6670	3	2-3/16
2-1/4	III	3-3/16	1-29/32	3-7/32	1-51/64	—	6672	3	2-1/4
2-3/8	III	3-1/4	1-29/32	3-3/8	2-1/16	—	6676	3	2-3/8
2-7/16	III	3-1/4	2-1/4	3-25/64	1-15/16	—	6678	3	2-7/16
2-1/2	III	3-1/4	2-1/4	3-17/32	1-15/16	—	6680	3	2-1/2

3/4" Square Drive 6 Point Deep

Opening	Type	Length A	Drive End B	Opening End C	Minimum Depth D	Weight Each (lb)	Part Number Industrial Black	Std. Pkg. Qty.	Opening
3/4	I	3-1/8	1-5/8	1-15/64	21/64	1.10	16624	5	3/4
13/16	I	3-1/8	1-5/8	1-23/64	3/8	1.14	16626	5	13/16
7/8	I	3-1/8	1-5/8	1-1/2	3/8	1.24	16628	5	7/8
15/16	I	3-1/8	1-5/8	1-9/16	19/32	1.10	16630	5	15/16
1	II	3-1/8	—	1-5/8	35/64	1.30	16632	5	1
1-1/16	I	3-1/2	1-3/4	1-5/8	13/16	1.42	16634	5	1-1/16
1-1/8	I	3-1/2	1-3/4	1-11/16	13/16	1.39	16636	3	1-1/8
1-3/16	I	3-1/2	1-7/8	1-13/16	13/16	1.63	16638	3	1-3/16
1-1/4	II	3-1/2	—	1-13/16	29/32	1.58	16640	3	1-1/4
1-5/16	II	3-1/2	—	2	7/8	2.02	16642	3	1-5/16
1-3/8	III	3-1/2	1-29/32	2-1/8	7/8	2.13	16644	3	1-3/8
1-7/16	III	3-1/2	1-29/32	2-1/8	7/8	2.00	16646	3	1-7/16
1-1/2	III	3-1/2	1-29/32	2-5/16	55/64	2.33	16648	3	1-1/2
1-9/16	III	3-1/2	1-29/32	2-13/32	55/64	2.50	16650	3	1-9/16
1-5/8	III	3-1/2	1-29/32	2-7/16	55/64	2.70	16652	3	1-5/8
1-11/16	III	3-1/2	1-29/32	2-1/2	2-17/64	3.00	16654	3	1-11/16
1-3/4	III	3-1/2	1-29/32	2-7/16	2-13/64	3.20	16656	3	1-3/4
1-13/16	III	3-1/2	1-29/32	2-7/16	2-13/64	3.20	16658	3	1-13/16
1-7/8	III	3-1/2	1-29/32	2-23/32	2-15/16	3.40	16660	3	1-7/8
2	III	3-3/4	1-29/32	2-15/16	2-25/16	4.00	16664	3	2
2-1/16	III	3-3/4	1-29/32	2-31/32	2-7/16	—	16666	3	2-1/16
2-1/8	III	3-3/4	1-29/32	3-3/64	2-7/16	—	16668	3	2-1/8
2-3/16	III	4-1/4	1-29/32	3-3/64	2-1/2	—	16670	3	2-3/16
2-1/4	III	4-1/4	1-29/32	3-9/64	2-1/2	—	16672	3	2-1/4
2-3/8	III	4-1/4	1-29/32	3-3/8	2-1/2	—	16676	3	2-3/8
2-7/16	III	4-1/4	2-1/4	3-29/64	2-1/2	—	16678	3	2-7/16
2-1/2	III	4-1/4	2-1/4	3-17/32	2-7/8	—	16680	3	2-1/2

3/4" Drive Power/Impact Attachments & Socket Sets

Type	Item	Description	Wt. Each (lb)	Part Number	Std. Pkg. Qty.
Adaptor		3/4F × 1/2M	.06	64A	5
		3/4F × 1M	.06	67	5
Extension		7" Extension	1.77	6107	5
		10" Extension	2.25	6110	5
		13" Extension	4.15	6113	5
Universal Joint		4-1/16 Length Max.	.77	6140A	5
Ret Ring®		Fits Part No. 64A	.01	M10005S	1
		Fits Part No. 67	.01	M10032S	1
		Fits Part No. 6107	.01	M10032S	1
		Fits Part No. 6110	.01	M10032S	1
		Fits Part No. 6113	.01	M10032S	1
		Fits Part No. 6140A	.01	M10032S	1
		Fits Part No. 6620 - 6634	.01	M10032S	1
		Fits Part No. 6636	.01	M10034S	1
		Fits Part No. 6638 - 6664	.01	M18708S	1
		Fits Part No. 16624 - 16634	.01	M10032S	1
		Fits Part No. 16636 - 16664	.01	M10034S	1

IH8K

3/4" DRIVE 6 POINT DEEP IMPACT SOCKET SET

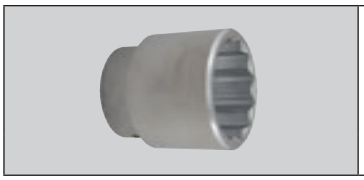
7/8" 6 pt. Deep Impact Socket	16628	1-1/8" 6 pt. Deep Impact Socket	16636
15/16" 6 pt. Deep Impact Socket	16630	1-1/4" 6 pt. Deep Impact Socket	16640
1" 6 pt. Deep Impact Socket	16632	1-5/16" 6 pt. Deep Impact Socket	16642
1-1/16" 6 pt. Deep Impact Socket	16634	1-1/2" 6 pt. Deep Impact Socket	16648

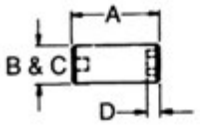
IH9K

3/4" DRIVE 6 POINT DEEP IMPACT SOCKET SET

3/4" 6 pt. Std. Impact Socket	6624	1-1/16" 6 pt. Std. Impact Socket	6634
13/16" 6 pt. Std. Impact Socket	6626	1-1/8" 6 pt. Std. Impact Socket	6636
7/8" 6 pt. Std. Impact Socket	6628	1-3/16" 6 pt. Std. Impact Socket	6638
15/16" 6 pt. Std. Impact Socket	6630	1-1/4" 6 pt. Std. Impact Socket	6640
1" 6 pt. Std. Impact Socket	6632		

1" Drive Chrome Sockets





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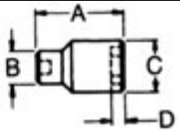


Type III

1" Square Drive 12 Point Standard Chrome

Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Chrome		
1-1/16	II	2-9/32	—	1-41/64	5/8	.90	X1234	1	1-1/16
1-1/8	II	2-9/32	—	1-11/16	21/32	.90	X1236	1	1-1/8
13/16	II	2-9/32	—	1-3/4	21/32	.90	X1238	1	1-3/16
1-1/4	II	2-9/32	—	1-13/16	3/4	.90	X1240	1	1-1/4
1-5/16	III	2-11/32	—	1-7/8	49/64	.90	X1242	1	1-5/16
1-3/8	III	2-7/16	1-3/4	1-15/16	25/32	.94	X1244	1	1-3/8
1-7/16	III	2-1/2	1-3/4	2	7/8	.94	X1246	1	1-7/16
1-1/2	III	2-9/16	1-3/4	2-1/8	55/64	1.06	X1248	1	1-1/2
1-5/8	III	2-11/16	1-3/4	2-1/4	1	1.06	X1252	1	1-5/8
1-11/16	III	2-3/4	1-15/16	2-3/8	1	1.50	X1254	1	1-11/16
1-3/4	III	2-13/16	1-15/16	2-1/2	1-3/32	1.50	X1256	1	1-3/4
1-13/16	III	2-7/8	1-15/16	2-9/16	1-1/8	1.63	X1258	1	1-13/16
1-7/8	III	2-15/16	2-1/4	2-5/8	1-1/8	1.94	X1260	1	1-7/8
1-15/16	III	3	2-1/4	2-3/4	1-7/32	2.25	X1262	1	1-15/16
2	III	3	2-1/4	2-3/4	1-7/32	2.19	X1264	1	2
2-1/8	III	3-1/16	2-1/4	2-15/16	1-3/8	2.44	X1268	1	2-1/8
2-3/16	III	3-1/8	2-1/4	3	1-3/8	2.50	X1270	1	2-3/16
2-1/4	III	3-3/16	2-1/4	3-1/16	1-3/8	2.38	X1272	1	2-1/4
2-5/16	III	3-1/4	2-1/4	3-5/32	1-3/8	2.69	X1274	1	2-5/16
2-3/8	III	3-5/16	2-1/4	3-1/4	1-3/8	2.88	X1276	1	2-3/8
2-7/16	III	3-3/8	2-1/4	3-5/16	1-3/8	2.88	X1278	1	2-7/16
2-1/2	III	3-7/16	2-1/4	3-3/8	1-3/8	3.00	X1280	1	2-1/2
2-9/16	III	3-1/2	2-1/4	3-3/8	1-1/2	3.13	X1282	1	2-9/16
2-5/8	III	3-9/16	2-1/4	3-9/16	1-3/4	3.63	X1284	1	2-5/8
2-3/4	III	3-11/16	2-43/64	3-23/32	1-3/4	4.63	X1288	1	2-3/4
2-13/16	III	3-3/4	2-43/64	3-53/64	1-3/4	5.13	X1290	1	2-13/16
2-15/16	III	3-7/8	2-43/64	3-61/64	2	5.25	X1294	1	2-15/16
3	III	3-15/16	2-43/64	4-1/64	2	5.56	X1296	1	3
3-1/8	III	4-1/16	2-43/64	4-11/64	2-13/64	5.25	X12100	1	3-1/8
3-3/8	III	4-1/16	2-43/64	4-17/32	2-13/64	6.31	X12108	1	3-3/8
3-1/2	III	4-1/16	2-43/64	4-11/16	2-13/64	6.50	X12112	1	3-1/2

Martin Heavy-Duty Chrome Hand Tool Sockets are Manufactured to Extremely Close Tolerances of American Alloy Steel. The 12 Point Broach Opening Provides a Secure Fit for Absolute Tightening and Loosening.

WARNING: Only Power Impact Sockets Should Be Used on Pneumatic or Electric Impact Wrenches. Never Use Chrome Sockets.

1" Drive Attachments & Socket Set

Item	1" Attachment	Description	Weight Each (lb)	Part Number		Std. Pkg. Qty.
				Chrome	Ind. Black	
Ratchet		30" Rev. Ratchet	7.94	X51	–	1
Repair Kit		Ratchet Repair	1.13	BLKX51RU	–	1
Ratchet		30" Rev. Ratchet	1.13	–	BLKX51	1
Repair Kit		Ratchet Repair	1.13	–	BLKX51RU	1
Extension		8" Extension	2.31	X108	–	1
		17" Extension	4.31	X117	–	1
Flex Handle		26" Flexible Hdle.	8.19	X41A	–	1

X21K

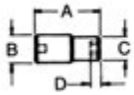
1" DRIVE 12 POINT STANDARD SOCKET SET

1-7/16" 12 pt. Std. Socket	X1246	2-3/8" 12 pt. Std. Socket	X1276
1-1/2" 12 pt. Std. Socket	X1248	2-1/2" 12 pt. Std. Socket	X1280
1-5/8" 12 pt. Std. Socket	X1252	2-5/8" 12 pt. Std. Socket	X1284
1-11/16" 12 pt. Std. Socket	X1254	2-3/4" 12 pt. Std. Socket	X1288
1-3/4" 12 pt. Std. Socket	X1256	2-15/16" 12 pt. Std. Socket	X1294
1-13/16" 12 pt. Std. Socket	X1258	3-1/8" 12 pt. Std. Socket	X12100
1-7/8" 12 pt. Std. Socket	X1260	Reversible Ratchet	X51
2" 12 pt. Std. Socket	X1264	8" Extension	X108
2-1/8" 12 pt. Std. Socket	X1268	17" Extension	X117
2-3/16" 12 pt. Std. Socket	X1270	Flexible Handle	X41A
2-1/4" 12 pt. Std. Socket	X1272	Metal Box	299

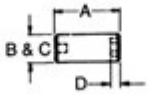
Martin Heavy-Duty Chrome Hand Tool Sockets are Manufactured to Extremely Close Tolerances of American Alloy Steel. The 12 Point Broach Opening Provides a Secure Fit for Absolute Tightening and Loosening.

WARNING: Only Power Impact Sockets Should Be Used on Pneumatic or Electric Impact Wrenches. Never Use Chrome Sockets.

1" Drive Power/Impact



Type I



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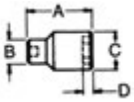
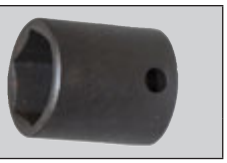


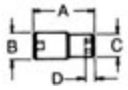
Type III



1" Drive 6 Point Standard

Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Industrial Black		
3/4	I	2-1/4	2	1-7/16	1-1/4	1.13	7624	1	3/4
13/16	I	2-1/4	2	1-7/16	1-1/4	1.00	7626	1	13/16
7/8	I	2-13/32	2	1-17/32	45/64	1.06	7628	1	7/8
15/16	I	2-7/16	2	1-9/16	23/32	1.06	7630	1	15/16
1	I	2-17/32	2	1-21/32	49/64	1.19	7632	1	1
1-1/16	I	2-9/16	2	1-3/4	13/64	1.25	7634	1	1-1/16
1-1/8	I	2-9/16	2	1-13/16	27/64	1.25	7636	1	1-1/8
1-3/16	II	2-11/16	—	2-1/16	29/32	1.50	7638	1	1-3/16
1-1/4	II	2-11/16	—	2-1/16	29/32	1.50	7640	1	1-1/4
1-5/16	II	2-11/16	—	2-1/16	49/64	1.44	7642	1	1-5/16
1-3/8	III	2-11/16	2-1/8	2-1/4	49/64	1.69	7644	1	1-3/8
1-7/16	III	2-11/16	2-1/8	2-1/4	55/64	1.63	7646	1	1-7/16
1-1/2	III	2-11/16	2-1/8	2-1/4	55/64	1.56	7648	1	1-1/2
1-9/16	III	2-11/16	2-1/4	2-1/2	1	1.75	7650	1	1-9/16
1-5/8	III	2-11/16	2-1/4	2-1/2	1	1.81	7652	1	1-5/8
1-11/16	III	2-11/16	2-1/4	2-1/2	1	1.88	7654	1	1-11/16
1-3/4	III	2-11/16	2-7/16	2-3/4	1	2.50	7656	1	1-3/4
1-13/16	III	2-11/16	2-7/16	2-3/4	1-1/16	2.50	7658	1	1-13/16
1-7/8	III	2-3/16	2-7/16	2-3/4	1-1/16	2.56	7660	1	1-7/8
1-15/16	III	3	2-7/16	2-63/64	1-1/16	3.00	7662	1	1-15/16
2	III	3	2-7/16	2-63/64	1-11/64	2.88	7664	1	2
2-1/16	III	3	2-7/16	2-63/64	1-11/64	2.81	7666	1	2-1/16
2-1/8	III	3	2-7/16	3-1/4	1-13/64	3.63	7668	1	2-1/8
2-3/16	III	3-3/16	2-7/16	31/4	1-9/32	3.38	7670	1	2-3/16
2-1/4	III	3-3/16	2-7/16	3-1/4	1-9/32	3.19	7672	1	2-1/4
2-5/16	III	3-3/16	2-7/16	3-1/2	1-5/16	3.88	7674	1	2-5/16
2-3/8	III	3-1/4	2-7/16	3-1/2	1-23/64	3.75	7676	1	2-3/8
2-7/16	III	3-9/32	2-7/16	3-1/2	1-3/8	3.44	7678	1	2-7/16
2-1/2	III	3-5/16	2-7/16	3-1/2	1-1/2	3.78	7680	1	2-1/2
2-9/16	III	3-15/32	2-3/4	3-5/8	1-3/4	4.90	7682	1	2-9/16
2-5/8	III	3-15/32	2-3/4	3-45/64	1-3/4	4.95	7684	1	2-5/8
2-11/16	III	3-15/32	2-3/4	3-53/64	1-1/2	4.88	7686	1	2-11/16
2-3/4	III	3-9/16	2-3/4	3-53/64	1-3/4	4.94	7688	1	2-3/4
2-13/16	III	3-11/16	2-3/4	4-1/64	1-3/4	5.01	7690	1	2-13/16
2-7/8	III	3-3/4	2-3/4	4	1-3/4	5.30	7692	1	2-7/8
2-15/16	III	3-3/4	2-3/4	4-1/64	2	5.56	7694	1	2-15/16
3	III	3-7/8	2-3/4	4-11/64	2	5.75	7696	1	3
3-1/8	III	3-15/16	2-3/4	4-11/64	2-13/64	5.63	76100	1	3-1/8
3-1/4	III	4-1/16	2-3/4	4-35/64	2	6.19	76104	1	3-1/4
3-3/8	III	4-3/16	2-3/4	4-17/32	2-13/64	7.06	76108	1	3-3/8
3-1/2	III	4-5/16	2-3/4	4-11/16	2-13/64	7.25	76112	1	3-1/2

1" Drive Power/Impact Deep/Attachments



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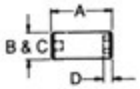

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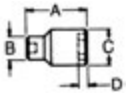


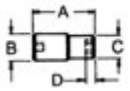
Type III

1" Drive 6 Point Deep

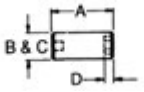
Opening	Type	Length	Drive End	Opening End	Minimum Depth	Weight Each	Part Number	Std. Pkg. Qty.	Opening
		A	B	C	D	(lb)	Industrial Black		
3/4	I	3	2	1-7/16	23/64	2.25	17624	1	3/4
13/16	I	3	2	1-7/16	27/64	2.38	17626	1	13/16
7/8	I	3	2	1-17/32	39/64	2.41	17628	1	7/8
15/16	I	3	2	1-9/16	23/32	2.43	17630	1	15/16
1	I	3	2	1-21/32	23/32	2.38	17632	1	1
1-1/16	I	3	2	1-3/4	3/4	2.38	17634	1	1-1/16
1-1/8	I	3	2	1-13/16	13/16	2.39	17636	1	1-1/8
1-3/16	II	3	—	2-1/16	7/8	2.33	17638	1	1-3/16
1-1/4	II	3	—	2-1/16	29/32	2.31	17640	1	1-1/4
15/16	II	3	—	2-1/16	15/16	2.25	17642	1	1-5/16
1-3/8	III	3	2-1/8	2-1/4	49/64	2.10	17644	1	1-3/8
1-7/16	III	3	2-1/8	2-1/4	49/64	2.25	17646	1	1-7/16
1-1/2	III	4	2-1/8	2-1/4	55/64	2.75	17648	1	1-1/2
1-9/16	III	4	2-1/4	2-1/2	55/64	2.83	17650	1	1-9/16
1-5/8	III	4	2-1/4	2-1/2	1	2.84	17652	1	1-5/8
1-11/16	III	4	2-7/16	2-3/4	1	3.46	17654	1	1-11/16
1-3/4	III	4-1/16	2-7/16	2-3/4	1	3.46	17656	1	1-3/4
1-13/16	III	4-1/8	2-7/16	2-3/4	1	3.81	17658	1	1-13/16
1-7/8	III	4-3/16	2-7/16	2-3/4	1-1/16	3.85	17660	1	1-7/8
1-15/16	III	4-1/4	2-7/16	2-31/32	1-1/16	4.80	17662	1	1-15/16
2	III	4-5/16	2-7/16	2-31/32	1-1/16	4.52	17664	1	2
2-1/16	III	4-3/8	2-7/16	2-31/32	1-11/64	4.73	17666	1	2-1/16
2-1/8	III	4-7/16	2-7/16	3-1/4	1-11/64	5.00	17668	1	2-1/8
2-3/16	III	4-1/2	2-7/16	3-1/4	1-13/64	5.60	17670	1	2-3/16
2-1/4	III	4-21/32	2-7/16	3-1/4	1-9/32	5.30	17672	1	2-1/4
2-5/16	III	4-23/32	2-7/16	3-13/32	1-9/32	5.90	17674	1	2-5/16
2-3/8	III	4-3/4	2-7/16	3-31/64	1-5/16	6.50	17676	1	2-3/8

Type	Item	Description	Wt. Each (lb)	Part Number	Std. Pkg. Qty.
Adaptor Universal		1F × 3/4M	1	76	1
		1F × 1-1/2M	1	77	1
		Max. Length 4.5"	3.04	7140A	1
Extension		7" Extension	3.56	7107	1
		10" Extension	6	7110	1
		13" Extension	8.5	7113	1
Ret Ring®		Fits Part No. 76	0.01	M10008S	1
		Fits Part No. 77, 7140A, 7107, 7110, 7113	0.01	M10010S	1
		Fits Part No. 7624 - 7642	0.01	M10008S	1
		Fits Part No. 7644 - 7648	0.01	M10010S	1
		Fits Part No. 7650 - 7654	0.01	M10015S	1
		Fits Part No. 7656 - 7680	0.01	M10016S	1
		Fits Part No. 7684 - 7696	0.01	M10017S	1
		Fits Part No. 76100 - 76112	0.01	M10017S	1
		Fits Part No. 17624 - 17642	0.01	M10008S	1
		Fits Part No. 17644 - 17648	0.01	M10010S	1
		Fits Part No. 17650 - 17652	0.01	M10015S	1
		Fits Part No. 17654 - 17676	0.01	M10016S	1

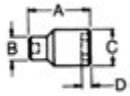
1-1/2" Drive Power/Impact



Type I



Type II



Type III

1-1/2" Drive 6 Point Standard

Opening	Type	Length A	Drive End B	Opening End C	Minimum Depth D	Weight Each (lb)	Part Number Industrial Black	Std. Pkg. Qty.	Opening
1-3/8	I	3-1/8	3-1/4	2-3/4	3-/4	5.70	8644	1	1-3/8
1-7/16	I	3-1/8	3-1/4	2-3/4	3-/4	5.70	8646	1	1-7/16
1-1/2	I	3-1/8	3-1/4	2-7/8	5-5/64	5.70	8648	1	1-1/2
1-9/16	I	3-1/8	3-1/4	2-7/8	5-5/64	5.70	8650	1	1-9/16
1-5/8	I	3-3/16	3-1/4	3	5-5/64	5.70	8652	1	1-5/8
1-11/16	I	3-3/16	3-1/4	3	6-3/64	5.70	8654	1	1-11/16
1-3/4	I	3-1/4	3-1/4	3-1/8	6-3/64	5.70	8656	1	1-3/4
1-13/16	I	3-1/4	3-1/4	3-1/8	1	5.70	8658	1	1-13/16
1-7/8	I	3-3/8	3-1/4	3-1/8	1-1/16	5.70	8660	1	1-7/8
1-15/16	I	3-1/2	3-1/4	3-1/8	1-1/16	5.70	8662	1	1-15/16
2	II	3-5/8	—	3-1/4	1-1/16	5.70	8664	1	2
2-1/16	II	3-5/8	—	3-1/4	1-11/64	5.70	8666	1	2-1/16
2-1/8	III	3-5/8	3-1/4	3-1/2	1-11/64	6-.30	8668	1	2-1/8
2-3/16	III	3-5/8	3-1/4	3-1/2	1-13/64	6-.40	8670	1	2-3/16
2-1/4	III	3-3/4	3-1/4	3-3/4	1-9/32	6-.80	8672	1	2-1/4
2-5/16	III	3-3/4	3-1/4	3-3/4	1-9/32	7.20	8674	1	2-5/16
2-3/8	III	3-7/8	3-1/4	3-3/4	1-5/16	7.60	8676	1	2-3/8
2-7/16	III	3-7/8	3-1/4	3-7/8	1-23/64	7.90	8678	1	2-7/16
2-1/2	III	4	3-1/4	3-7/8	1-23/64	8.20	8680	1	2-1/2
2-9/16	III	4	3-1/4	4	1-25/64	8.50	8682	1	2-9/16
2-5/8	III	4-1/8	3-1/4	4	1-15/32	8.80	8684	1	2-5/8
2-11/16	III	4-1/4	3-1/4	4-1/8	1-15/32	8.90	8686	1	2-11/16
2-3/4	III	4-1/4	3-1/4	4-1/4	1-1/2	9.10	8688	1	2-3/4
2-13/16	III	4-3/8	3-1/4	4-1/4	1-37/64	9.30	8690	1	2-13/16
2-7/8	III	4-3/8	3-1/4	4-1/2	1-37/64	9.50	8692	1	2-7/8
2-15/16	III	4-1/2	3-1/4	4-1/2	1-5/8	9.80	8694	1	2-15/16
3	III	4-1/2	3-1/4	4-3/4	1-11/16	9.90	8696	1	3
3-1/16	III	4-5/8	3-1/4	4-3/4	1-11/16	12.70	8698	1	3-1/16
3-1/8	III	4-5/8	3-1/4	4-3/4	1-23/32	12.70	86100	1	3-1/8
3-3/16	III	4-11/16	3-1/4	4-3/4	1-23/32	12.50	86102	1	3-3/16
3-1/4	III	4-11/16	3-1/4	5	1-23/32	14.00	86104	1	3-1/4
3-5/16	III	4-11/16	3-1/4	5	1-23/32	13.70	86106	1	3-5/16
3-3/8	III	4-11/16	3-1/4	5	1-7/8	13.40	86108	1	3-3/8
3-7/16	III	4-3/4	3-1/4	5	1-7/8	13.50	86110	1	3-7/16
3-1/2	III	4-3/4	3-1/4	5-1/8	1-59/64	13.90	86112	1	3-1/2
3-9/16	III	5	3-1/4	5-1/8	1-59/64	14.40	86114	1	3-9/16
3-5/8	III	5	3-1/4	5-1/4	1-59/64	15.00	86116	1	3-5/8
3-11/16	III	5	3-1/4	5-1/4	1-59/64	14.70	86118	1	3-11/16
3-3/4	III	5	3-1/4	5-1/2	1-59/64	14.70	86120	1	3-3/4
3-13/16	III	5-1/4	3-1/4	5-1/2	1-59/64	16.00	86122	1	3-13/16
3-7/8	III	5-1/4	3-1/4	5-1/2	1-59/64	15.50	86124	1	3-7/8
3-15/16	III	5-1/2	3-1/4	5-3/4	1-59/64	18.40	86126	1	3-15/16
4	III	5-1/2	3-1/4	5-3/4	1-59/64	18.00	86128	1	4
4-1/16	III	5-1/2	3-1/4	5-3/4	1-59/64	17.50	86130	1	4-1/16
4-1/8	III	5-5/8	3-1/4	6	1-59/64	20.20	86132	1	4-1/8
4-3/16	III	5-5/8	3-1/4	6	1-59/64	19.70	86134	1	4-3/16
4-1/4	III	5-5/8	3-1/4	6	1-59/64	19.20	86136	1	4-1/4
4-5/16	III	5-3/4	3-1/4	6-1/4	1-59/64	22.00	86138	1	4-5/16
4-3/8	III	5-3/4	3-1/4	6-1/4	1-59/64	21.60	86140	1	4-3/8
4-7/16	III	5-3/4	3-1/4	6-1/4	1-59/64	21.00	86142	1	4-7/16
4-1/2	III	5-3/4	3-1/4	6-1/2	1-59/64	23.60	86144	1	4-1/2
4-5/8	III	6	3-1/4	6-1/2	1-59/64	23.60	86148	1	4-5/8
4-3/4	III	6	3-1/4	6-1/2	1-59/64	22.50	86152	1	4-3/4

Type	Item	Description	Wt. Each (lb)	Part Number	Std. Pkg. Qty.
Adaptor Universal		1-1/2"F × 1M	3.40	87A	1
		Max. length 8.25"	4.40	8140A	1
Extension		8" Extension	8.80	8108	1
		12" Extension	12.10	8112	1
		15" Extension	14.40	8115	1
Ret Ring®		Fits Part No. 87A - 8670	.01	M10020S	1
		Fits Part No. 8672 - 86152	.01	M10025S	1

Hammers

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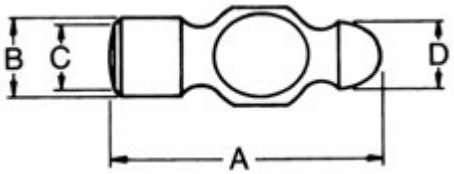
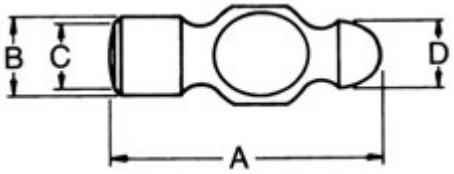


Standard Ball Peen — G Series — Wood and Fiberglass Handles

Head Weight	Overall Length	Head Length	Bell Diameter	Face	Peen	Replacement Handle		Weight With Handle (lb)	Industrial Black Head Finish		Std. Pkg. Qty.	Head Weight
		A	B	C	D	Wood	Fiberglass Kit		Wood Handle	Fiberglass Handle		
2 oz	9-1/2	2-1/16	5/8	5/8	17/32	HH49	–	.25	101G	–	6	2 oz
4 oz	9-1/2	2-1/2	3/4	3/4	5/8	HH50	–	.37	102G	–	6	4 oz
8 oz	11-5/8	3-1/8	15/16	13/16	25/32	HH53	–	.66	103G	–	6	8 oz
12 oz	13-1/4	3-3/4	1-3/32	15/16	15/16	HH59	–	1.0	104G	–	6	12 oz
1 lb	14-1/4	4	1-5/32	63/64	1	HH59	HH105106FG	1.3	105G	105FG	6	1 lb
1-1/4 lb	14-1/2	4-3/16	1-9/32	1-1/8	1-3/64	HH59	HH105106FG	1.5	106G	106FG	6	1-1/4 lb
1-1/2 lb	14-3/4	4-9/16	1-21/64	1-9/64	1-1/8	HH66	HH107FG	1.8	107G	107FG	6	1-1/2 lb
2 lb	15-1/4	5	1-1/2	1-9/32	1-1/4	HH66	HH108FG	2.4	108G	108FG	4	2 lb
2-1/2 lb	16-1/4	5-7/16	1-21/32	1-27/64	1-23/64	HH69	HH109110FG	3.0	109G	109FG	4	2-1/2 lb
3 lb	16-1/4	5-7/8	1-23/32	1-15/32	1-15/32	HH71	HH109110FG	3.4	110G	110FG	4	3 lb



Utility Ball Peen — D Series

Head Weight	Overall Length	Head Length	Bell Diameter	Face	Peen	Replacement Handle	Weight With Handle (lb)	Shot Blasted Head Finish	Std. Pkg. Qty.	Head Weight
		A	B	C	D			Part Number		
8 oz	12	3-1/8	15/16	13/16	25/32	HH53	.66	63D	6	8 oz
12 oz	12	3-3/4	1-3/32	15/16	15/16	HH59	1.0	64D	6	12 oz
1 lb	14-1/4	4	1-5/32	63/64	1	HH59	1.3	65D	6	1 lb
1-1/4 lb	14-1/2	4-3/16	1-9/32	1-1/8	1-3/64	HH59	1.5	66D	6	1-1/4 lb
1-1/2 lb	14-3/4	4-9/16	1-21/64	1-9/64	1-1/8	HH66	1.8	67D	6	1-1/2 lb
2 lb	15-1/4	5	1-1/2	1-9/32	1-1/4	HH66	2.4	68D	4	2 lb
2-1/2 lb	16-1/4	5-7/16	1-21/32	1-27/64	1-23/64	HH69	3.0	69D	4	2-1/2 lb
3 lb	16-1/4	5-7/8	1-23/32	1-15/32	1-15/32	HH71	3.4	70D	4	3 lb
2-1/2 lb	16-1/4	5-7/16	1-21/32	1-27/64	1-23/64	HH69	3.0	109G	4	2-1/2 lb
3 lb	16-1/4	5-7/8	1-23/32	1-15/32	1-15/32	HH71	3.4	110G	4	3 lb

Hammers

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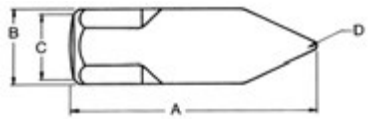
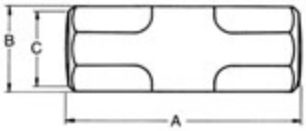


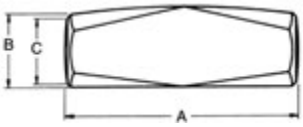
Cross Peen Engineer / Blacksmith Hand

Head Weight	Overall Length	Head Length	Bell Diameter	Face	Peen	Replacement Handle	Weight With Handle (lb)	Industrial Black Head Finish	Std. Pkg. Qty.	Head Weight
		A	B	C	D			Part Number		
2 lb	15-1/2	4-3/4	1-1/2	1-9/32	3/16R	HH45	2.7	121G	4	2 lb
2-1/2 lb	15-1/2	5-1/16	1-9/16	1-11/32	3/16R	HH45	3.2	122G	4	2-1/2 lb
3 lb	15-1/2	5-1/4	1-5/8	1-25/64	1/4R	HH45	3.7	123G	4	3 lb



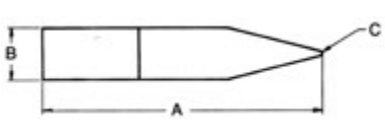
Double Faced Engineer's / Blacksmith

Head Weight	Overall Length	Head Length	Bell Diameter	Face	Replacement Handle	Weight With Handle (lb)	Industrial Black Head Finish	Std. Pkg. Qty.	Head Weight
		A	B	C			Part Number		
2 lb	15-1/2	4	1-1/2	1-9/32	HH45	2.7	141G	4	2 lb
2-1/2 lb	15-1/2	4-1/2	1-1/2	1-9/32	HH45	3.2	142G	4	2-1/2 lb
3 lb	15-1/2	5-1/16	1-9/16	1-11/32	HH45	3.7	143G	4	3 lb



Hand Drilling

Head Weight	Overall Length	Head Length	Bell Diameter	Face	Replacement Handle	Weight With Handle (lb)	Industrial Black Head Finish	Std. Pkg. Qty.	Head Weight
		A	B	C			Part Number		
2 lb	10-1/2	4-1/16	1-3/8	1-3/32	HH92	2.6	192G	4	2 lb
3 lb	10-1/2	4-3/8	1-1/2	1-9/32	HH92	3.6	193G	4	3 lb
4 lb	10-1/2	4-5/8	1-5/8	125/64	HH92	4.4	194G	4	4 lb



Scaling Hammer (Boiler Pick)

Head Weight	Overall Length	Head Length	Face Length	Face Radius	Replacement Handle	Weight With Handle (lb)	Industrial Black Head Finish	Std. Pkg. Qty.	Head Weight
		A	B	C			Part Number		
1 lb	14	5-9/16	1-1/32	1/16	HH59	1.4	132G	6	1 lb

Hammers

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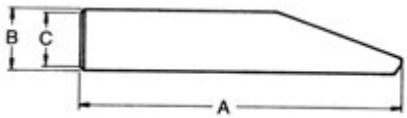
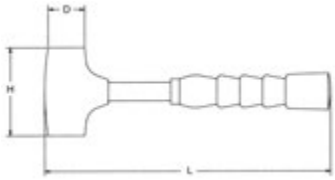


Setting Paneing Hammer

Head Weight	Overall Length	Head Length	Head Width	Face Width	Replacement Handle	Weight With Handle (lb)	Industrial Black Head Finish	Std. Pkg. Qty.	Head Weight
		A	B	C			Part Number		
12 oz	13-1/2	4-13/16	7/8	3/4	HH801	1.1	30G	6	12 oz
1 lb	13-1/2	5-1/16	15/16	13/16	HH801	1.4	31G	6	1 lb

Sledge Hammer

Head Weight	Head Length	Face Width	Handle Length	Replacement Handle	Weight With Handle (lb)	Industrial Black Head Finish	Std. Pkg. Qty.	Head Weight
						Part Number		
4 lb	5-1/4	1-13/16	32	HH418	4.3	S844SH	5	4 lb
6 lb	6	2-1/8	32	HH6810	7.1	S846H	5	6 lb
8 lb	6-1/2	2-1/4	32	HH6810	9.1	S848H	5	8 lb
10 lb	7	2-1/2	35	HH6810	11.1	S8410H	5	10 lb
12 lb	7-1/2	2-5/8	35	HH1216	13.2	S8412H	5	12 lb
16 lb	8-1/4	2-7/8	35	HH1216	17.2	S8416H	4	16 lb



Surface protective, non-marring and non-sparking brass head provides a lot of driving power in a compact hammer. Standard Super Grip (SG) requires less "squeeze" when swinging heavy hammer, reducing strain and fatigue. Ideal for use with heavy gloves.

Brass Hammers

Part Number	Approximate Head Weight	Std. Pkg. Qty.	Shipping Weight	Head Width	Head Length	Overall Length
				D	H	L
HSB15	1.5 lb	5	2.01 lb	1/1.25	3.5	12
HSB25	2.5 lb	2	2.72 lb	1.25/1.5	3.5	12
HSB4	3.5 lb	2	3.85 lb	1.65/1.78	3.7	12

Dead Blow Hammers

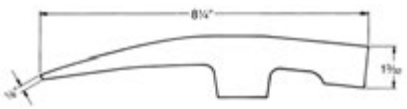
Part Number	Approximate Head Weight	Std. Pkg. Qty.	Shipping Weight	Head Width	Head Length	Overall Length
				D	H	L
HPD1	1.25 lb	5	1.85 lb	1.6/2.1	3.9	11
HPD2	1.5 lb	5	2.10 lb	2.05/2.4	4.3	12
HPD3	2.2 lb	2	2.71 lb	2.4/2.7	4.7	12
HPD4	2.9 lb	2	3.50 lb	2.75/3.1	5	13

Shot loaded head produces the most complete dead blow effect (no rebound) ever offered for 30% more striking force than conventional hammers. Fiberglass handle and pliable Standard Super Grip combine with the dead blow effect to reduce effort, strain, vibration and noise.

Hammers

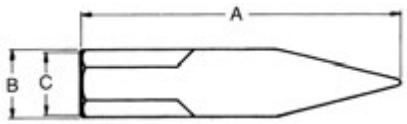
**Only Martin Provides This Added Warranty —
If a Hammer Head Should Loosen at Any Time,
Return It for Handle Replacement or a New Hammer.**

**Always wear eye protection. A hammer blow should always be struck squarely.
Avoid glancing blows. Never use hammers, punches or chisels with "mushroomed" heads.**



Brick Hammer

Head Weight	Overall Length	Replacement Handle	Weight With Handle (lb)	Industrial Black Head Finish Part Number	Std. Pkg. Qty.	Head Weight
1-1/2 lb	11	HH173FG	2.0	173	6	1-1/2 lb



Tinner's Riveting Hammer

Head Weight	Overall Length	Head Length A	Head Width B	Face Width C	Replacement Handle	Weight With Handle (lb)	Industrial Black Head Finish Part Number	Std. Pkg. Qty.	Head Weight
4 oz	9-1/4	3-11/16	9/16	15/32	HH50	.38	25G	6	4 oz
8 oz	11	4-1/4	3/4	21/32	HH53	.76	26G	6	8 oz
12 oz	13-1/2	4-3/4	29/32	25/32	HH801	1.1	27G	6	12 oz
1 lb	14	5-1/8	31/32	27/32	HH801	1.4	28G	6	1 lb

Hickory Hammer Handles

Part Number	Std. Pkg. Qty.	Approx. Length	Use For
HH42A18	12	18	165 Body Hammer
HH42B	12	12	All Body Hammers (Except 165 & 155)
HH42BN	12	12	Hickory Handle for all other Body Hammers - New
HH45	12	16	Cross Peen and Double Face Eng. and 155
HH49	12	9-3/4	2 oz. Ball Peen
HH50	12	10	4 oz. Ball Peen/4 oz. Riveting
HH53	12	12	8 oz. Ball Peen/8 oz. Riveting
HH59	12	14-1/2	12 oz. Ball Peen
HH59	12	14-1/2	1 lb, 1-1/4 lb Ball Peen
HH66	12	16	1-1/2, 2 lb Ball Peen
HH69	12	17	2-1/2 lb Ball Peen
HH71	12	17	3 lb Ball Peen
HH92	12	10-1/2	All Hand Drilling
HH801	12	13-3/4	12 & 16 oz. Riveting and Settling
HH418	12	32	4 lb Sledge
HH6810	12	33	6, 8 & 10 lb Sledge
HH1216	12	35	12 & 16 lb Sledge

Fiberglass Replacement Handle Kits

Part Number	Std. Pkg. Qty.	Approx. Length	Use For
HH105106FG	1	13	1 lb and 1-1/4 lb Ball Peen — G Series
HH107FG	1	14	1-1/2 lb Ball Peen — G Series
HH108FG	1	16	2 lb Ball Peen — G Series
HH109110FG	1	16	2-1/2 lb and 3 lb Ball Peen — G Series
HH173FG	1	12-1/2	1-1/2 lb Brick Hammer
HHBFFG	1	12	All Body Hammers with 12" Handle

Screwdrivers

- Ergonomically & Accurately Sized Cellulose Acetate Handles.
- Rugged, Impact and Chemical Resistant.
- Color Coded Inlays for Easy Identification.
- Forged Nickel-Chrome Molybdenum Alloy Blades.
- Serrated Faces to Resist Slipping.
- Bright Zinc Plate to Resist Corrosion.
- All drivers meet or exceed ANSI/ASME standards and specifications for hardness and torque

WARNING: Acetate handles are not intended to act as insulation. Never use screwdrivers as prybars or chisels.

Cabinet and Electrical Screwdrivers

Blade Length	Blade Width	Type	Weight Each (lb)	Part No.	Std. Pkg. Qty.
4	3/16	Cabinet	.14	SDE4-1	6
6	3/16	Electrical	.15	SDE6-1	6
8	3/16	Electrical	.16	SDE8-1	6

NARROW TIP, ROUND SHANK

Mechanic's and Heavy-Duty Screwdrivers

Blade Length	Blade Width	Type	Weight Each (lb)	Part No.	Head Length
4	1/4	Mechanic's	.20	SDR4-1	6
6	5/16	Heavy-Duty	.30	SDR6-1	6
8	3/8	Heavy-Duty	.49	SDR8-1	6

WIDENED TIP, ROUND SHANK

Phillips Screwdrivers

Blade Length	Blade Width	Type	Weight Each (lb)	Part No.	Head Length
3	No. 1	Phillips	.13	SDP3-1	6
4	No. 2	Phillips	.20	SDP4-1	6
6	No. 3	Phillips	.30	SDP6-1	6

PRECISION HEAD, ROUND SHANK

Square-Blade Screwdrivers

Blade Length	Blade Width	Type	Weight Each (lb)	Part No.	Head Length
4	1/4	Square	.21	SDS4-1	6
6	5/16	Square	.34	SDS6-1	6
8	3/8	Square	.55	SDS8-1	6
10	3/8	Square	.62	SDS10-1	6
12	3/8	Square	.70	SDS12-1	6

STURDY TIP, SQUARE SHANK

Stubby Screwdrivers

Blade Length	Blade Width	Type	Weight Each (lb)	Part No.	Head Length
1-1/2	1/4	Stubby	.10	SDS1-1	6
1-1/2	No. 2	Phillips	.10	SDP1-1	6

TIGHT CLEARANCE, STURDY

Screwdriver Sets

SD10K

SDR7K-1

SDR5K-1

SDP4K-1

SDR4K-1

SDS3K-1

SDR4K-1	4pc Screwdriver Combo Set	
SDR4-1	Mechanics, 4"	1/4 Rd-C x 4"
SDE4-1	Electrical, 4"	3/16 Rd-C x 4"
SDP3-1	#1 Phillips, 3"	P1 x 3"
SDP4-1	#2 Phillips, 4"	P2 x 4"
P696	Pouch	

SDR5K-1	5pc Screwdriver Combo Set	
SDR4-1	Mechanics, 4"	1/4 Rd-C x 4"
SDE4-1	Electrical, 4"	3/16 Rd-C x 4"
SDR6-1	Mechanics, 6"	5/16 Rd-C x 6"
SDR8-1	Mechanics, 8"	3/8 Rd-K x 8"
SDS1-1	Mechanics, 1-1/2"	1/4 Sq-K x 1.5"
P696	Pouch	

SDR7K-1	7pc Screwdriver Combo Set	
SDE4-1	Electrical, 4"	3/16 Rd-C x 4"
SDE6-1	Electrical, 6"	3/16 Rd-C x 6"
SDP3-1	#1 Phillips, 3"	P1 x 3"
SDP4-1	#2 Phillips, 4"	P2 x 4"
SDP6-1	#3 Phillips, 6"	P3 x 6"
SDR4-1	Mechanics, 4"	1/4 Rd-C x 4"
SDR6-1	Mechanics, 6"	5/16 Rd-C x 6"
P496	Pouch	

SDS3K-1	HD Screwdriver Set	
SDR4-1	Mechanics, 4"	1/4 Rd-C x 4"
SDE4-1	Electrical, 4"	3/16 Rd-C x 4"
SDP3-1	#1 Phillips, 3"	P1 x 3"
SDP4-1	#2 Phillips, 4"	P2 x 4"
P696	Pouch	

SD10K	10pc Screwdriver Combo Set	
SDE4-1	Electrical, 4"	3/16 Rd-C x 4"
SDE6-1	Electrical, 6"	3/16 Rd-C x 6"
SDR4-1	Mechanics, 4"	1/4 Rd-C x 4"
SDR6-1	Mechanics, 6"	5/16 Rd-C x 6"
SDS1-1	Mechanics, 1-1/2"	1/4 Sq-K x 1.5"
SDS8-1	SQ-Blade, 8"	3/8 Sq-K x 8"
SDP1-1	#2 Phillips, 1-1/2"	P2 x 1.5"
SDP3-1	#1 Phillips, 3"	P1 x 3"
SDP4-1	#2 Phillips, 4"	P2 x 4"
SDP6-1	#3 Phillips, 6"	P3 x 6"

SDP4K-1	4pc Phillip Set	
SDP1-1	#2 Phillips, 1-1/2"	P2 x 1.5"
SDP3-1	#1 Phillips, 3"	P1 x 3"
SDP4-1	#2 Phillips, 4"	P2 x 4"
SDP6-1	#3 Phillips, 6"	P3 x 6"
P696	Pouch	

Heavy-Duty Gasket Scrapers
Chisel and Punch Sets

Martin's patented two composite ergonomically designed handle provides maximum comfort and secure grip. Capped end in direct contact with the shaft allows the user to strike the tool without handle damage. Blade extends throughout the handle. Hardened and tempered the entire length for maximum durability

Set contains 1/2" x 10"; 3/4" x 10"; 1" x 10"; 1-1/2" x 10".

- Cleaning gasket material, adhesives and all general scraping in automotive and engineering applications.
- Used for scraping carbon from cylinder heads, pistons and other metal surfaces.

GS4K **Gasket Scraper Set 4 Pc. Heavy-Duty Gasket Scraper Set** **Wt. 2.5 lb**

GS50	1/2" x 10" Long Gasket Scraper
GS75	3/4" x 10" Long Gasket Scraper
GS100	1" x 10" Long Gasket Scraper
GS150	1-1/2" x 10" Long Gasket Scraper
P696	Pouch

- USA Alloy Steel
- Heavy-Duty 3/88 Shank

Part Number	Item	Size	Weight	Std. Pkg. Qty.
GS50		1/2" x 10"	.57	6
GS75		3/4" x 10"	.57	6
GS100		1" x 10"	.58	6
GS150		1-1/2" x 10"	.59	6

Chisel Sets

CC6K	6 Pieces
C8	1/4" Cold Chisel
C10	5/16" Cold Chisel
C12	3/8" Cold Chisel
C16	1/2" Cold Chisel
C20	5/8" Cold Chisel
C24	3/4" Cold Chisel
C66	Kit Bag

WARNING: Acetate handles are not intended to act as insulation. Never use screwdrivers as prybars or chisels.

Punch Sets

PP7K	7 PIECES
P2	1/16" Pin Punch
P3	3/32" Pin Punch
P4	1/8" Pin Punch
P5	5/32" Pin Punch
P6	3/16" Pin Punch
P8	1/4" Pin Punch
P10	5/16" Pin Punch
C70	Kit Bag

LP7K	7 PIECES
P23	3/32" Lg. Taper
P24	1/8" Lg. Taper
P25	5/32" Lg. Taper
P26	3/16" Lg. Taper
P26A	7/32" Lg. Taper
P27	1/4" Lg. Taper
P28	5/16" Lg. Taper
C187	Kit Bag

Combination Chisel & Punch Sets

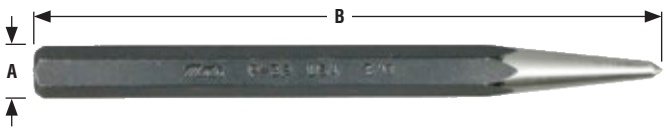
PC6K	6 PIECES
C16	1/2" Cold Chisel
C24	3/4" Cold Chisel
P42	1/2" Center Punch
P4	1/8" Pin Punch
P6	3/16" Pin Punch
P16	3/16" Solid Punch
C66	Kit Bag

PC14K	14 PIECES		
C42	1/4" Cape Chisel	P24	1/8" Drift Punch
C16	1/2" Cold Chisel	P25	5/32" Lg. Taper Punch
C20	5/8" Cold Chisel	P6	3/16" Pin Punch
C24	3/4" Cold Chisel	P8	1/4" Pin Punch
C28	7/8" Cold Chisel	P14	1/8" Solid Punch
C60	1/4" Diamond Pt. Chisel	P18	1/4" Solid Punch
C72	1/4" Hlf. Rd. Nose Chisel	C14	Kit Bag
P40	3/8" Center Punch		

Punches

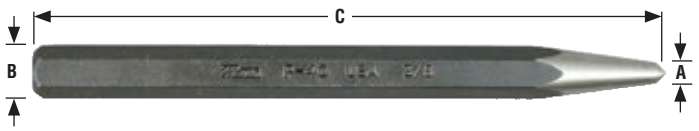
WARNING: "ALWAYS WEAR SAFETY GOGGLES"

Prick Punch



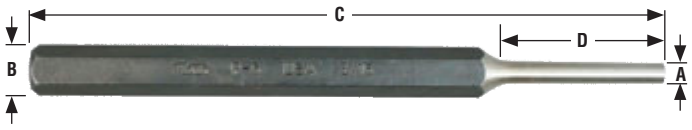
Stock Size	Length	Weight Each (lb)	Industrial Black	Std. Pkg. Qty.
A	B		Part Number	
1/4	4-1/2	.06	P30	12
3/8	5	.14	P32	12
1/2	6	.27	P33	12

Center Punch



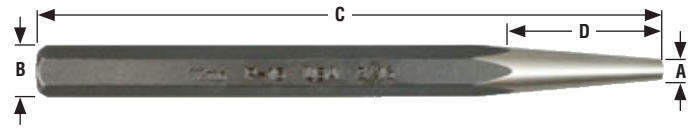
Point Size	Stock Size	Length	Weight Each (lb)	Industrial Black	Std. Pkg. Qty.
A	B	C		Part Number	
3/32	1/4	31/2	.06	P38	12
5/32	5/16	41/4	.08	P39	12
3/16	3/8	5	.15	P40	12
1/4	1/2	6	.30	P42	12
3/8	5/8	61/4	.25	P43	6

Pin Punch



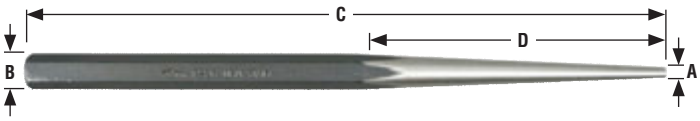
Point Size	Stock Size	Length	Pin Length	Weight Each (lb)	Industrial Black	Std. Pkg. Qty.
A	B	C	D		Part Number	
1/16	1/4	4	3/4	.05	P2	12
3/32	5/16	4-1/2	7/8	.12	P3	12
1/8	5/16	4-3/4	1	.12	P4	12
5/32	5/16	5	1	.12	P5	12
3/16	3/8	5-1/4	1-1/4	.17	P6	12
7/32	3/8	5-1/2	1-1/4	.18	P7	12
1/4	3/8	5-3/4	1-1/4	.29	P8	12
5/16	1/2	6	1-1/4	.33	P10	12

Solid Punch



Point Size	Stock Size	Length	Taper Length	Weight Each (lb)	Industrial Black	Std. Pkg. Qty.
A	B	C	D		Part Number	
1/16	5/16	5	1-1/2	.16	P12	12
3/32	5/16	5	1-3/4	.16	P13	12
1/8	3/8	5	1-3/4	.16	P14	12
5/32	3/8	5	1-3/4	.16	P15	12
3/16	3/8	5	1-1/2	.16	P16	12
7/32	3/8	5	1-1/2	.16	P17	12
1/4	3/8	6	1-1/2	.16	P18	12
5/16	1/2	6	2	.31	P19	12

Long Taper Punch

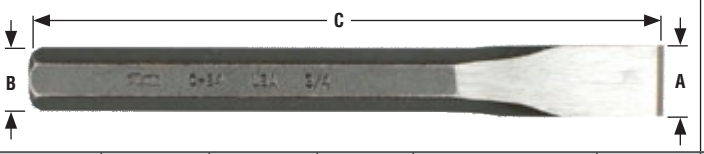


Point Size	Stock Size	Length	Taper Length	Weight Each (lb)	Industrial Black	Std. Pkg. Qty.
A	B	C	D		Part Number	
3/32	5/16	8	3-1/2	.12	P23	12
1/8	5/16	8	3-1/2	.16	P24	12
5/32	3/8	9	4-1/4	.25	P25	12
3/16	1/2	10	6-1/2	.45	P26	12
7/32	1/2	10	6-1/2	.45	P26A	12
1/4	5/8	12	7-1/4	.88	P27	6
5/16	5/8	12	7-1/4	.94	P28	6
1/4	3/4	15	7-1/4	1.66	P28A	6
5/16	5/8	16	9-1/2	1.33	P29	6
3/8	3/4	15	8	1.66	P34	6

Chisels

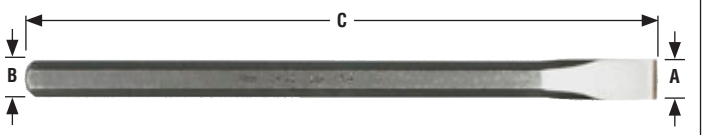
WARNING: "ALWAYS WEAR SAFETY GOGGLES"

Cold Chisel



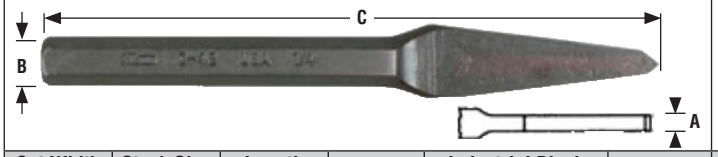
Cut Width A	Stock Size B	Length C	Weight Each (lb)	Industrial Black Part Number	Std. Pkg. Qty.
1/4	1/4	5	.07	C8	12
5/16	1/4	5	.08	C10	12
3/8	5/16	5-1/2	.13	C12	12
1/2	7/16	6	.26	C16	12
5/8	1/2	6-1/2	.37	C20	12
3/4	5/8	7	.62	C24	12
7/8	3/4	7-1/2	.93	C28	6
1	7/8	8	1.34	C32	6

Long Cold Chisel



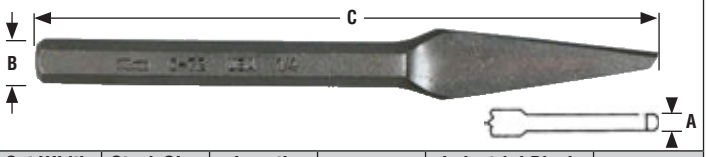
Cut Width A	Stock Size B	Length C	Weight Each (lb)	Industrial Black Part Number	Std. Pkg. Qty.
3/4	5/8	12	1.13	C120	6
5/8	1/2	12	.70	C124	12
3/4	5/8	18	1.67	C126	3
7/8	3/4	12	1.50	C129	6
1	3/4	12	1.50	C132	6
1	3/4	18	2.33	C133	3

Cape Chisel



Cut Width A	Stock Size B	Length C	Weight Each (lb)	Industrial Black Part Number	Std. Pkg. Qty.
1/8	5/16	5-1/2	.10	C39	12
3/16	3/8	5-1/2	.16	C40	12
1/4	3/8	5-1/2	.29	C42	12
3/8	–	–	–	C46	12

Hard Round Chisel



Cut Width A	Stock Size B	Length C	Weight Each (lb)	Industrial Black Part Number	Std. Pkg. Qty.
3/16	3/8	5-1/2	.16	C71	12
1/4	3/8	5-1/2	.29	C72	12
3/8	–	5-1/2	–	C74	12

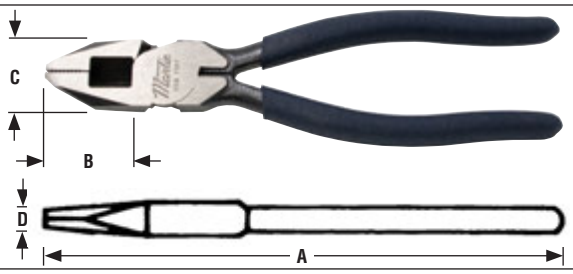
Diamond Point Chisel

Point Size A	Stock Size B	Length C	Weight Each (lb)	Industrial Black Part Number	Std. Pkg. Qty.
1/8	5/16	5	.10	C58	12
3/16	3/8	5-1/2	.18	C59	12
1/4	3/8	5-3/4	.18	C60	12
3/8	5/8	7	.58	C62	6

Lineman's Pliers

Overall Length A	Jaw Length B	Jaw Width C	Jaw Thickness D	Weight Each (lb)	Part Number	Std. Pkg. Qty.
8-1/2	1-1/2	1-1/4	9/16	1.00	P308	6

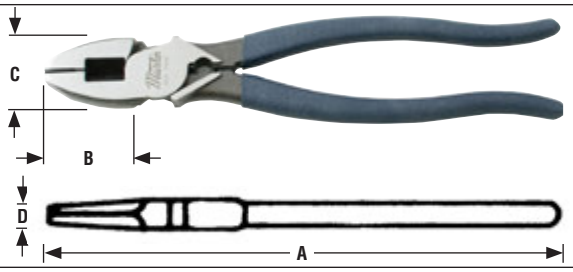
High leverage electrician's general use pliers feature beveled nose, serrated crush area and comfort grip handles.



New England Pattern Lineman's Pliers

Overall Length A	Jaw Length B	Jaw Width C	Jaw Thickness D	Weight Each (lb)	Part Number	Std. Pkg. Qty.
9-1/2	1-1/2	1-5/16	5/8	1.04	P309	6

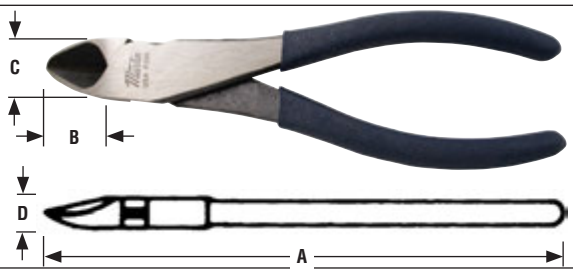
Heavy-duty, high leverage design features built in connector crimper, fishtape puller, serrated crush area and comfort grips.



Diagonal Cutting Pliers

Overall Length A	Jaw Length B	Jaw Width C	Jaw Thickness D	Weight Each (lb)	Part Number	Std. Pkg. Qty.
6-1/4	7/8	25/32	7/16	0.38	P206	6
7-3/8	1	7/8	7/16	0.52	P2075	6

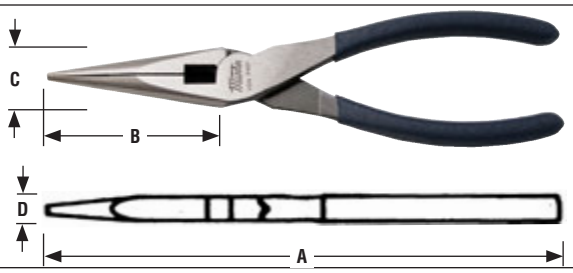
High leverage comfort grip handles decrease fatigue for easy cutting.



Long Chain Nose Side Cutting Pliers

Overall Length A	Jaw Length B	Jaw Width C	Jaw Thickness D	Weight Each (lb)	Part Number	Std. Pkg. Qty.
6-1/4	2	7/8	13/32	0.32	P506	6
7-7/8	2-5/8	1	7/16	0.49	P507	6

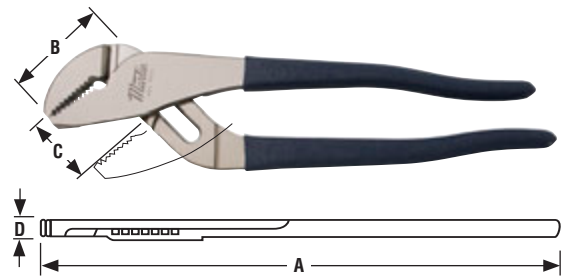
High leverage comfort grip handles for powerful gripping and cutting.



Tongue and Groove Pliers

Overall Length A	Jaw Length B	Jaw Width C	Jaw Thickness D	Weight Each (lb)	Part Number	Std. Pkg. Qty.
7	13/16	13/16	3/8	0.42	P407	6
9-3/4	1-1/4	1-1/2	7/16	0.92	P510	6
12-7/8	1-11/16	2-3/4	1/2	1.76	P71275	6

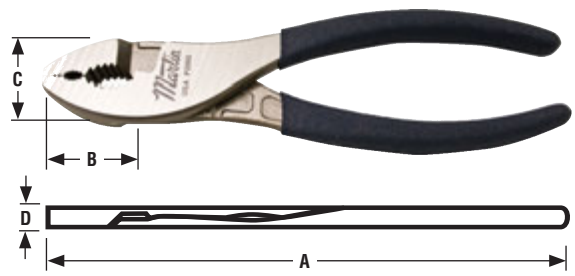
Flush Rivet design allows close access to work surfaces and tight areas, undercut adjustment grooves for non-slip grip and comfort grip handles.



Combination Slip Joint Pliers

Overall Length A	Jaw Length B	Jaw Width C	Jaw Thickness D	Weight Each (lb)	Part Number	Std. Pkg. Qty.
6-3/4	1-13/16	1-1/4	13/32	0.48	P2065	6
8-1/4	2	1-11/32	7/16	0.60	P208	6
10	2-3/8	1-1/2	15/32	0.98	P210	6

Flush rivet design offers three working surfaces, two jaw openings, wire cutter and comfort grips.



Pliers Sets

PL3K

3 PC. GENERAL PURPOSE PLIERS SET

P506	6-1/4" Long Chain Nose Side Cutting
P2065	6-3/4" Combination Slip Joint
P510	9-3/4" Tongue and Groove
P1796	Pouch

PL4K

4 PC. GENERAL PURPOSE PLIERS SET

P507	7-7/8" Long Chain Nose Side Cutting
P510	9-3/4" Tongue and Groove
P208	8" Combination Slip Joint
P2075	7-3/8" Diagonal Cutting
P1996	Pouch

PL3KSJ

3 PC. COMBINATION SLIP-JOINT PLIERS SET

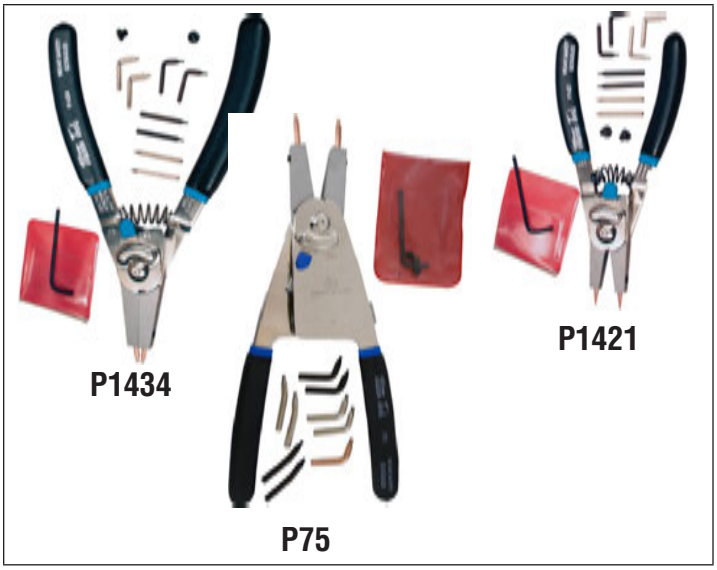
P2065	6-3/4" Combination Slip Joint
P208	8-1/4" Combination Slip Joint
P210	10" Combination Slip Joint
P1896	Pouch

PL3KTG

3 PC. TONGUE AND GROOVE PLIERS SET

P407	7" Tongue and Groove
P510	9-3/4" Tongue and Groove
P71275	12-7/8" Tongue and Groove
P2096	Pouch

Retaining Ring Pliers



One Tool Does it All!

Martin's patened retaining ring pliers are capable of servicing both internal and external retaining rings. Martin's pliers offer superior performance with unique features:

- Reverse on the fly — Switch from Internal to External with one hand.
- Patented Jaws provide positive tip retention and alignment.
- P1421 features an adjustable stop for small rings.
- P75 features an automatic ratchet lock that keeps rings locked open or closed. Ideal for large rings up to 4".

Snap Ring Pliers

Part Number	Description	Internal	External	Weight Each (lb)	Std. Pkg. Qty.
P1421	Quick Switch Retaining Ring Pliers with adjustable stop	1/4" - 1" 6mm - 26mm	1/8" - 1" 3mm - 26mm	0.3	6
	Includes 5 pairs of color-coded interchangeable tips and Allen wrench in handy pouch. Tip sizes: Straight- .023", .036", .047" (0.6mm, 0.9mm, 1.2mm) Bent 90° - .036", .047" (0.9mm, 1.2mm)				
P1434	Quick Switch Retaining Ring Pliers	3/8" - 2" 10mm - 51mm	1/4" - 2" 7mm - 51mm	0.6	6
	Includes 5 pairs of color-coded interchangeable tips and Allen wrench in handy pouch. Tip sizes: Straight- .036", .047", .070" (0.9mm, 1.2mm, 1.8mm) Bent 90° - .036", .047" (0.9mm, 1.2mm)				
P75	Quick Switch Ratcheting Plier	1-13/16" - 4" 46mm - 102mm	1-1/2" - 4" 32mm - 102mm	1.18	6
	Includes 6 pairs of color-coded interchangeable tips and Allen wrench in handy pouch. Tip sizes: Bent 15°- .090", 1.08", .120" (2.3mm, 2.7mm, 3.0mm) Bent 90° - .090", .108", .120" (2.3mm, 2.7mm, 3.0mm).				
P87	Retaining Ring Tool	3-1/2" - 7" 90mm - 175mm	3-1/2" - 7" 90mm - 175mm	3.05	6
	Includes 6 pairs of color-coded interchangeable tips and Allen wrench in handy pouch. Tip sizes: Bent 20° - .120", .150", .180" (3.0mm, 3.8mm, 4.6mm) Bent 90° - .120", .150", .180" (3.0mm, 2.8mm, 4.6mm).				

Snap Ring Plier Sets

Part Number	Description	Weight Each (lb)	Std. Pkg. Qty.
PL1450K	2 Piece Snap Ring Plier Set w/ Molded Foam Tray. Includes P1421 & P1434.	1.20	1
PL1465K	3 Piece Snap Ring Plier Set w/ Plastic Box. Includes P1421, P1434 & P75.	3.50	1

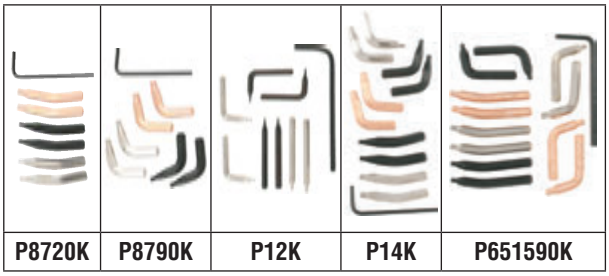
P87

PL1450K

PL1465K

Tip Kits

Part Number	Description	Contents	Wt.
P12K	Tip Kit for P1221 & P1421	5 Tips & Allen Wrench in a Pouch	0.04
P14K	Tip Kit for P1234 & PP1434	5 Tips & Allen Wrench in a Pouch	0.04
P651590K	Tip Kit for P65 & P75	5 Tips & Allen Wrench in a Pouch	0.12
P8720K	Tip Kit 20º for P87	3–20º Tips & Allen Wrench in a Pouch	0.12
P8790K	Tip Kit 90º for P87	3–90º Tips & Allen Wrench in a Pouch	0.12



P8720K	P8790K	P12K	P14K	P651590K

Crank Handles

Finished Crank Handles

Square Broached Openings, with Counterbore in Free End of Hub.

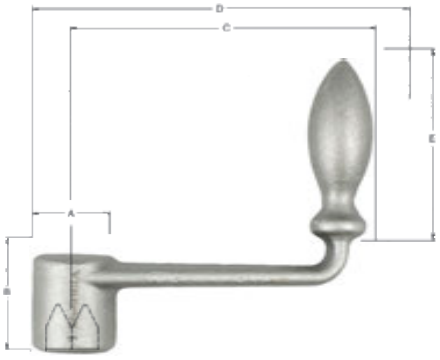
Special Bends, Offsets, and Broached Openings Also Available.

Stock Square Bore	Hub		Length		Height Handle Above Arm	Weight Each (lb)	Part Number		Std. Pkg. Qty
	Diameter	Length	Center Hub to Center Handle	Overall			Black Powder Coat Finish	Natural Finish	
	A	B	C	D	E				
1/2	1	1-1/4	1-3/4	2-5/8	2-3/8	.46	CH00BC	CH00B	1
1/2	1	1-1/4	2-1/4	3-1/8	2-1/2	.53	CH0BC	CH0B	1
9/16	1-1/4	1-1/2	3	4-1/16	2-3/4	.83	CH1BC	CH1B	1
1/2	1-1/16	1-5/16	3-1/2	4-1/2	3	.74	CH2BC	CH2B	1
9/16	1-1/4	1-3/8	4	5-1/8	3-1/8	1.0	CH4BC	CH4B	1
5/8	1-1/4	1-13/16	5	6-1/8	3-1/8	1.3	CH6BC	CH6B	1
11/16	1-1/4	2	6	7-1/8	3-1/8	1.4	CH8BC	CH8B	1
3/4	1-3/8	2-1/16	7	8-1/4	3-3/8	1.6	CH10BC	CH10B	1
7/8	1-9/16	2-7/16	8	9-3/8	3-5/8	2.3	CH12BC	CH12B	1
7/8	1-1/2	2-1/2	9-1/8	10-1/2	3-3/4	2.7	CH14BC	CH14B	1
1	1-3/4	3	10	11-1/2	4	3.6	CH16BC	CH16B	1

Unfinished Crank Handles

Unfinished Cranks are Plain Forgings Without a Hole in the Hub.

Stock Square Bore	Hub		Length		Height Handle Above Arm	Weight Each (lb)	Part Number	Std. Pkg. Qty
	Diameter	Length	Center Hub to Center Handle	Overall			Natural Finish	
	A	B	C	D	E			
5/8	1	1-1/4	1-3/4	2-5/8	2-3/8	.46	CH00U	1
5/8	1	1-1/4	2-1/4	3-1/8	2-1/2	.53	CH0U	1
13/16	1-1/4	1-1/2	3	4-1/16	2-3/4	.83	CH1U	1
5/8	1-1/16	1-5/16	3-1/2	4-1/2	3	.74	CH2U	1
13/16	1-1/4	1-3/8	4	5-1/8	3-1/8	1.0	CH4U	1
13/16	1-1/4	1-13/16	5	6-1/8	3-1/8	1.3	CH6U	1
13/16	1-1/4	2	6	7-1/8	3-1/8	1.4	CH8U	1
7/8	1-3/8	2-1/16	7	8-1/4	3-3/8	1.6	CH10U	1
1	1-9/16	2-7/16	8	9-3/8	3-5/8	2.3	CH12U	1
1	1-1/2	2-1/2	9-1/8	10-1/2	3-3/4	2.7	CH14U	1
1-1/8	1-3/4	3	10	11-1/2	4	3.6	CH16U	1



C-Clamps, Eye Bolts and Pry Bars

Eyebolts Plain Pattern

WARNING
Rated capacity is substantially reduced when loading at any angle. Loading must never be made at an angle greater than 45° from bolt centerline. At an angle of 45° rated capacity is reduced to 1/4 of shown rating.

Shot Blasted Finish Meets ANSI B18.15-1985

Bolt			Eye Diameter		Rated Capacity	Wt. Ea. (lb)	Part Number	Std. Pkg. Qty.
Width	Threads per Inch	Length	Inside	Outside				
1/4	20	1	3/4	1-3/16	500	.06	EB1	1
5/16	18	1-1/8	7/8	1-7/16	900	.10	EB2	1
3/8	16	1-1/4	1	1-11/16	1300	.15	EB3	1
7/16	14	1-3/8	1-1/16	1-13/16	1800	.21	EB4	1
1/2	13	1-1/2	1-3/16	2-1/8	2400	.30	EB5	1
9/16	12	1-3/4	1-1/4	2-1/4	3000	.55	EB6	1
5/8	11	1-3/4	1-3/8	2-9/16	4000	.61	EB7	1
3/4	10	2	1-1/2	2-13/16	5000	.98	EB8	1
7/8	9	2-1/4	1-5/8	3-3/16	7000	1.53	EB9	1
1	8	2-1/2	1-3/4	3-9/16	9000	2.06	EB10	1
1-1/8	7	2-3/4	2	4	12000	2.90	EB11	1
1-1/4	7	3	2-3/16	4-7/16	15000	4.11	EB12	1
1-1/2	6	3-1/2	2-1/2	5-3/16	21000	6.73	EB14	1

Pinch or Pry Bar

Size	Length	Weight Each (lb)	Part Number		Std. Pkg. Qty
			Bright Zinc	Industrial Black	
5/8	16	1.3	196C	196	1
3/4	24	3.0	197C	197	1
7/8	30	5.25	198C	198	1
7/8	42	7.10	–	199	1

Die Bar — Pry Bar

Size	Length	Weight Each (lb)	Part Number		Std. Pkg. Qty
			Bright Zinc	Industrial Black	
1/2	12	.70	192C	–	1
1/2	15	.87	193C	193	1
5/8	18	1.6	194C	194	1

WARNING:
Never substitute a pry bar with a screwdriver.
"ALWAYS WEAR SAFETY GOGGLES"

Eyebolts Shoulder Pattern

WARNING
Rated capacity is substantially reduced when loading at any angle. Loading must never be made at an angle greater than 45° from bolt centerline. At an angle of 45° rated capacity is reduced to 1/4 of shown rating.

Shot Blasted Finish Meets ANSI B18.15-1985

Bolt			Eye Diameter		Shoulder Width	Rated Capacity	Wt. Ea. (lb)	Part Number	Std. Pkg. Qty.
Width	Threads per Inch	Length	Inside	Outside					
1/4	20	1	3/4	1-3/16	11/16	500	.06	EB21	1
5/16	18	1-1/8	7/8	1-7/16	7/8	900	.11	EB22	1
3/8	16	1-1/4	1	1-11/16	1-1/16	1300	.18	EB23	1
7/16	14	1-3/8	1-1/16	1-13/16	1-3/16	1800	.23	EB24	1
1/2	13	1-1/2	1-3/16	2-1/8	1-5/16	2400	.35	EB25	1
9/16	12	1-5/8	1-1/4	2-1/4	1-1/2	3000	.47	EB26	1
5/8	11	1-3/4	1-3/8	2-9/16	1-19/32	4000	.70	EB27	1
3/4	10	2	1-1/2	2-13/16	1-23/32	5000	1.10	EB28	1
7/8	9	2-1/4	1-11/16	3-3/16	2-1/32	7000	1.70	EB29	1
1	8	2-1/2	1-13/16	3-9/16	2-7/32	9000	2.36	EB30	1
1-1/8	7	2-3/4	2	4-1/16	2-19/32	12000	3.41	EB31	1
1-1/4	7	3	2-3/16	4-7/16	2-27/32	15000	4.68	EB32	1
1-1/2	6	3-1/2	2-1/2	5-3/16	3-3/16	21000	7.77	EB34	1

Eyebolts Shoulder Pattern – Metric (MM)

Bolt			Eye Diameter		Rated Capacity	Part Number
Width	Threads	Length	Inside	Outside		
8	M8 x 1.25	31.7	25	4	1110	EB8M
10	M10 x 1.50	35	27	46	1628	EB10M
12	M12 x 1.75	38	30	54	2266	EB12M
14	M14 x 2.00	41.1	33	58	3520	EB14M
16	M16 x 2.00	44.5	35	65	3520	EB16M
18	M18 x 2.50	51	38	71.5	4708	EB18M
20	M20 x 2.50	57	41	81	6292	EB20M
22	M22 x 2.50	63.5	46	90.4	6292	EB22M
24	M24 x 3.00	63.5	46	90.4	8470	EB24M
27	M27 x 3.00	70	51	103	11440	EB27M

Extra Deep Throat Clamp

Extra Deep Throat Copper Plated Fatigue Proof Spindles, Permanent Type Pads

Inch Capacity	Throat Depth	Spindle Diameter	Minimum Proof Test	Weight Each (lb)	Part Number	Std. Pkg. Qty.
0-2	2	1/2	3500 lb	1.4	CC402	1
0-3	2-3/8	1/2	3500 lb	2.2	CC403	1
0-4	2-3/4	3/4	6500 lb	3.4	CC404	1
0-6	3-5/8	3/4	6900 lb	5.0	CC406	1
0-8	4-1/2	3/4	6900 lb	7.8	CC408	1
0-10	5-3/8	3/4	8000 lb	11.0	CC410	1
0-12	5-3/4	7/8	9500 lb	15.8	CC412	1

Tool Boxes & Kit Bags

Kit Bags

Number of Pouches	Length	Height	Weight	Part Number
14	22-5/8	15-1/8	.35	C14
5	19-1/2	40-1/4	.83	C55
6	15-5/8	21-1/4	.34	C60B
6	8	12-3/8	.12	C66
7	13-1/2	11-1/8	.18	C70
8	19-3/4	19-1/2	.39	C81
9	17-1/2	15	.28	C90
11	25-1/2	23-7/8	.61	C110
11	24-1/2	17-5/8	.43	C111
14	29-1/2	30-1/8	.84	C140
15	28	29-3/4	.84	C150
18	34-1/2	24-1/4	.89	C180
5	9-3/4	15-1/2	.17	C185
7	13-5/8	16-1/2	.24	C187
1	8-1/8	21-5/16	.04	C591
1	5-5/8	2-3/4	.03	C691
1	4-3/8	2-3/16	.02	C791

Socket Boxes

Width	Depth	Height	Weight	Part Number
9-1/2	3-3/4	1-1/2	1.24	93
16-13/16	3-3/4	1-1/2	2.00	94
18-1/4	3-3/4	2	2.39	95
25-1/2	5-1/4	3	6.24	96A
14-1/4	4-3/4	2	1.88	98
19-1/4	5-11/16	2	3.36	99
26-1/4	8-3/16	3-3/8	15.15	237
31	11-1/2	4-3/8	21.50	299

Tool Boxes

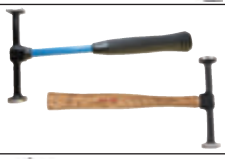
Width	Depth	Height	Weight	Part Number
16	7	7-1/2	5.10	BX18
19-7/64	7	7-1/2	7.00	BX21
26-7/64	12-7/64	15	51.00	BX26

Clip Rails

Length	Color	Drive	Weight	Part Number
8"	Blue	–	–	208B
8"	Red	–	–	208R
13"	Blue	–	–	213B
13"	Red	–	–	213R
18"	Blue	–		218B
18"	Red	–	–	218R
–	Black	3/8"	–	238T
–	Black	1/2"	–	212T
–	Black	3/4"	–	234T

Body Hammers

Only Martin Provides This Added Warranty — If a Hammer Head Should Loosen at Any Time, Return It for Handle Replacement or a New Hammer.

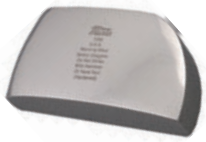
Type		Description	Part Number		Std. Pkg. Qty.
			Wood handle	Fiberglass Handle	
DINGING HAMMER		For fender and high-crowned panel dinging or bumping. Both high and low-crown faces for "on or off dolly" work. **Faces, 1-1/4" and 1-9/16". Round heads, 6" overall. Weight 1.04 lb**	150G	150FG	6
DINGING HAMMER		For light dinging and long reach. Square face permits dinging close to moulding or beading. **Faces, 1-1/4" round, 1-1/16" square head 6" overall. Weight .85 lb**	151G	151FG	6
CROSS CHISEL HAMMER		Excellent for finishing. Cross peen used for working in sharp corners around mouldings and for caulking. **Round face — 1-9/16" diameter. Chisel — 3" long. Weight .87 lb**	153G	153FG	6
CURVED CROSS CHISEL HAMMER		Excellent for finishing. Cross peen used for working in sharp corners around mouldings and for caulking. Well balanced curved chisel for work in close places. **Round face — 1-9/16" diameter. Chisel — 3" long. Weight .85 lb**	153GB	153FGB	6
CROSS CHISEL SHRINKING HAMMER		Cross grooved. Extra wide faces are cross grooved and used for shrinkage on large surfaces — chisel end used on sharp corners. **Flat round face — 1-9/16" diameter. Chisel — 3" long. Weight .87 lb**	153S	153SFG	6
VERTICAL CHISEL HAMMER		Excellent for finishing. Cross peen used for working in sharp corners around mouldings and for caulking. Vertical chisel end used on sharp corners. **Round face — 1-1/2" diameter. 5/8" Chisel — 5-1/2" long. Weight .85 lb**	–	154FG	6
VERTICAL CHISEL SHRINKING HAMMER		Cross grooved. Extra wide faces are cross grooved and used for shrinkage on large surfaces — vertical chisel end used on sharp corners. **Round face — 1-1/2" diameter. Chisel — 5-1/2" long. Weight .87 lb**	–	154SFG	6
FENDER BUMPER		For bumping where hand and dolly cannot reach. Ample clearance for obstructions. Also used as a caulking iron. **Length of head, 8-3/4". Weight 2.8 lb**	155G	155FG	4
PICK HAMMER		Long-reach, thin point for low spot on low-crown panels. Reaches over inner obstructions. One high-crown face. **Face, 1-1/4" round point, 1/32" radius. Length of pointed end, 5-1/2". Weight .91 lb**	156G	156FG	6
CURVED PICK HAMMER		Like 156G except pick end is bent in arc of normal blow. Reaches behind reinforcements to difficult spots. **Face, 11/4" round point, 1/32" radius. Length of pointed end, 5-1/2". Weight .86 lb**	156GB	156FGB	6
GENERAL PURPOSE PICK HAMMER		Medium size point and reach for general work. Low crown strawberry point for perfect balance. **Face, 1-9/16" round point, 3/32" radius. Length of pick end, 3-3/4". Weight .91 lb**	158G	158FG	6

Body Hammers

**Only Martin Provides This Added Warranty —
If a Hammer Head Should Loosen at Any Time,
Return It for Handle Replacement or a New Hammer.**

Type		Description	Part Number		Std. Pkg. Qty.
			Wood handle	Fiberglass Handle	
ROUND POINT FINISHING HAMMER		Blunt point — long reach. For low spots on high crown panels and other work with long reach. Will not pick holes in the metal. **Round face — 1-9/16" diameter. Blunt point 3" long. Weight .81 lb**	158GM	158FGM	6
SHARP POINT FINISHING HAMMER		Sharp point — long reach. For low spots on high crown panels and other work with long reach. **Round face — 1-9/16" diameter. Sharp point 3" long. Weight .79 lb**	158GMS	158FGMS	6
HEAVY-DUTY BUMPING HAMMER		For heavy gauge truck fenders and panels. Also used in straightening reinforcements, braces, etc. **Faces, 1-1/4" round and 1-3/16" square head, 4" overall. Weight 1.1 lb**	160G	160FG	6
DINGING HAMMER		Short-reach, lightweight. One low-crown, square face. Lightest dinging hammer in line. **Faces, 1-1/4" round and 1-3/16" square. Head, 4" overall. Weight .83 lb**	161G	161FG	6
SHRINKING HAMMER		For work in close quarters. Expertly machined serrations on the round face. **Plain square face, 1-1/8" round serrated face, 1-1/4" diameter. 4" overall. Weight .78 lb**	162G	162FG	6
UTILITY PICK HAMMER		Blunt point, short reach. For low spots in high-crown panels and other work with small clearance. **Face, 1-9/16" round point, 5/32" radius. Length of pointed end, 2" head, 4" overall. Weight .75 lb**	164G	164FG	6
PICK HAMMER		Lightweight. Provides stubby pick point and high-crown peen-type faces. Will ding out small dents in high fins. No need to remove panels. **Long reach, 18" handle. Weight 5 oz.**	165G	–	6
PICK HAMMER		Lightweight. Provides stubby pick point and high-crown peen-type faces. Will ding out small dents in high fins. No need to remove panels. **12" handle. Weight 4 oz.**	166G	–	6
CROSS PEEN FINISHING HAMMER		Used to bump odd fender or bumper contours. **Round face — 1-9/16" diameter peen end 3/16 × 7/8". 5" overall head length. 12" handle. Weight .91 lb**	168G	168FG	6
HIGH CROWN CROSS PEEN FINISHING HAMMER		Ideal for forming radiuses, contours and curves-restoration, bike tanks. **High Crown face — 1-9/16" diameter. 2-1/4" radius. Peen end 3/16" x 1". 5" overall head length. 12" handle. Weight 1.0 lb**	168HC	168HCFG	6
LARGE FACE PICK FINISHING HAMMER		For finishing and caulking. **Round face — 1-7/8" diameter. 4-1/2" overall head length. 13" handle. Weight 1.0 lb**	169G	169FG	6
DOOR SKIN HAMMER		Rectangular heads fit in door flanges. Bent Head - medium crown - starts door skin fold. Straight head - high crown - for finishing. **12" overall length. Weight .94 lb**	170G	170FG	6
DUAL HEADED COMPACT DINGING HAMMER		Dinging face and high crown working faces. Face diameters are 1.5". **12" overall length. Head length is 2.2". Weight .95**	171G	171FG	6

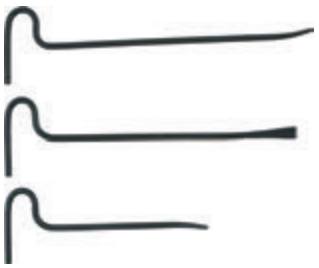
Body and Fender Repair Tools
Dolly Blocks

Type		Description	Part Number	Std. Pkg. Qty.
LIGHT WEIGHT TOE DOLLY		Designed for flat surfaces. All the features of a toe dolly. **Sizes 4-3/4" × 2-1/4" × 11/16". Weight 1.8 lb**	1057	1
TOE DOLLY		Thinness and length provide easy accessibility to narrow pockets. Large, flat face is frequently used in shrinking and dinging flat panels. The flat sides furnish a convenient anvil for repairing flanges. **Sizes 4-3/4" × 2-3/8" × 1-1/8". Weight 3.0 lb**	1058	1
SHRINKING DOLLY (SERRATED)		Shaped like a toe dolly but has one face covered with raised serrations for shrinking metal stretched by dents. **Weight 3.4 lb**	1058S	1
HEEL DOLLY		Design makes it possible to reach easily into sharp corners and wide radii. These features are exclusive to the Heel Dolly and continue its high demand. **Sizes 3-1/4" × 2-1/2" × 1-7/16". Weight 2.7 lb**	1059	1
GENERAL PURPOSE DOLLY		Provides convenient and comfortable hand hold during heaviest blows. Weight, balance and several differently crowned working faces, together with two beading and flange lips, give this dolly broad general use. **Sizes 2-7/8" × 2-3/8" × 2-1/4". Weight 3 lb**	1060	1
UTILITY DOLLY		High-crown dolly with one narrow beading edge. Thick rounded sides are useful in short radii curves. Wide application of uses in high-crown portions of hoods, fenders and body panels. **Sizes 3-1/8" × 3" × 1-5/8". Weight 2.9 lb**	1061	1
EGG SHAPED DOLLY		This unique shape with high crown design is a very popular shape, with many different curves and angles. **Sizes 1-5/8" × 2-1/2" × 3-3/4". Weight 3.1 lb**	1064	1
LIGHT WEIGHT WEDGE DOLLY		Short, slender general purpose Dolly. Good hand grip. Also used for beads or flanges on fenders. Thin edge is useful for corners and beading. Flat side works under long curve of fender. **Size 2-7/64" × 2-1/2" × 4-27/64". Weight 2.7 lb**	1065	1
WEDGE DOLLY		Long, slender general purpose dolly. Widely favored by many body repair men for all-around use. The long, thin lip is very useful in working behind reinforcements. **Sizes 5-3/4" × 2-3/8" × 2-3/16". Weight 4 lb**	1067	1
LOW CROWN DOLLY		Specially designed for use on low-crown panels where medium and high-crown dollies would stretch the metal. Angle between the sides and large face is less than 90°, which permits this dolly to reach into the corner of a flanged edge. **Size 3-7/8" × 2-3/4" × 1-5/8". Weight 3.3 lb**	1068	1
"CHAMPION" HEAVY WEIGHT DOLLY		Heavy-duty, general purpose fender dolly. A necessity on heavy gauge fenders which resist the blows of lighter dollies. Brings out the toughest damage. Seats comfortably in the hand and protects fingers from a swinging blow. **Sizes 3-3/8" × 3-3/8" × 2-11/16". Weight 4.6 lb**	1070	1

Body and Fender Repair Tools
Body Spoons

Type		Description	Part Number	Std. Pkg. Qty.
LIGHT DINGING SPOON		To ding ridges smooth and level. When held against ridge and struck with hammer, spreads blow over large area making smooth job and preventing damage to metal or finish. Not made for prying. **Length 10" overall. Face 2" × 4-5/16". Weight .50 lb**	1036	6
COMBINATION SPOON		General purpose fender spoon. Used as dolly behind brackets, inner panels and similar places. Handle offset to give balance when dinging and for long reach. Has high-crown working surface. **Face 1-3/4" × 5-1/2". Handle 1" octagon 4-3/4" long. Weight 3.0 lb**	1050	4
SPOON DOLLY		Long handle permits many uses in places otherwise inaccessible. Can be driven between reinforcements and outer panel, then used to pry outward as the metal is dinged. Excellent forming and caulking tool for the deep pockets of doors, quarter-panels, rear fenders and lower trunk panels. **Size 2-1/2" × 1" × 3". Weight 4.2 lb**	1052	1
LONG CURVED SPOON		Long, thin, curved blade is handy for prying up dents behind curved reinforcements in header panels, hinge anchors in doors, body pillars and reinforcements in hoods and radiator shells. **Length 10-1/2" overall. Face 2" × 7". Weight 1.5 lb**	1054	6
WING-DING SPOON DOLLY		The answer to repair problems on high fins. A dolly, a spoon, a pry. Long handle and special contours for working up inside cramped fins. Wide spoon transmits hammer blows over wide area without damaging finish. **1" handle diameter, 19" overall length. Weight 4.5 lb**	1056	1
HEAVY-DUTY DRIVING AND FENDER BENDING TOOL		Useful for restoration of turned under, non-wired flanged edges. Also handy for alignment of inner construction and flanges on alligator hoods. Heavy formed striking pads. **Length 14-1/8". Weight 3.2 lb**	1091	1
CAULKING IRON		Excellent precision made wire caulking iron. Polished working surfaces are rounded for use on inside moldings. **Face 1-3/4" × 1". Overall length 11". Weight 1.4 lb**	1096C	6
SURFACING SPOON		Excellent spoon for fender spring hammering, finishing and shaping. Curve gets behind inner construction between panels that are close for removal of dents. Molds panels. Blade fully polished. **9" Blade Length. 2-1/8" Width. Overall Length 15-1/8". Weight 2.5 lb**	1024	1
MEDIUM CROWN SPOON		Long slender shape just like the 1024 surfacing spoon. Inside with medium crown, for high ridges or prying. For slapping and surface finishing on fenders, panels and trunk lids. Blade fully polished. **9" Blade Length. 2-1/8" Width. Overall Length 14-7/8". Weight 1.5 lb**	1026	1
HEAVY-DUTY DOUBLE END S-SPOON		General purpose fender and frame spoon. Designed to provide further reach on panels and behind reinforcements. Prying, heavy duty design for use on SUV frames. **12-3/16" Length. 1-3/8 X 5-1/4" Face. Weight 3.0 lb**	1044	1

Body and Fender Repair Tools
Body Picks

Type		Description	Part Number	Std. Pkg. Qty.
MEDIUM CURVED PICK		Medium length. Curved and pointed. Use twisting or prying action. **Length 26-1/2". Weight 2.2 lb**	1106	1
LONG CURVED PICK		Long length. Curved and pointed. Use twisting or prying action. **Length 31". Weight 2.5 lb**	1107	1
LONG CHISEL BIT PICK		Heavy duty. Employ twisting action. Chisel bit 1". **Length 20". Weight 1.9 lb**	1109	1
SHORT CURVED PICK		Extremely short length. Curved and pointed. Use twisting or prying action. **Length 12". Weight .5 lb**	1110	1
MEDIUM SHORT CURVED PICK		Short length. Curved and pointed. Use twisting or prying action. **Length 18". Weight .7 lb**	1111	1
LIGHT CHISEL BIT PICK		Light duty. Employ twisting action. **Chisel bit 11/16". Length 16". Weight .7 lb**	1112	1
PICK SET		Body Pick Chisel set includes: **12" Pick, 18" Pick, 16" Pick. Weight 1.9 lb**	1000PK	1

Body and Fender Repair Tools
Miscellaneous Tools

Type		Description	Part Number	Std. Pkg. Qty.
ADJUSTABLE AND FLEXIBLE FILE HOLDERS		Permits use of files to 14". Handle adjustable for both right and left hand use for working close to offset or panels. Permit flexing either way to maximum point of safety against breakage. **Weight 1.7 lb**	1150	1
STANDARD 14" BODY FILE		Vixen milled, curved tooth. Plain blade. Flexible, standard cut, 8 tooth. **14" long. Weight .66 lb**	1158F	5
STRAIGHT SHELL BODY FILE		Vixen milled, curved tooth. Plain blade. Half round shell, 8 tooth. Concave for shallow concave work. **14" long. Weight .66 lb**	1163F	5
BODY DENT PULLER TOOL		Slide hammer activated. This tool provides a remarkably simple and easy method of removing a dent in a door or panel. Merely punch or drill a hole in the deepest part of the damage and insert a self-threading screw or hook. A few light impacts with the slide hammer will return the metal to original position. Shaft is 1/2" × 13" with locking device to keep screw from turning. Cadmium and black oxide rust-proof finish. **Weight 3.9 lb**	DP38	1
THE KEY TO METAL BUMPING		This book, entitled "The Key to Metal Bumping," is an excellent instruction manual and guide for every body man or student. It provides authoritative reference for techniques and methods for all phases of body and fender work. Its 126 pages cover most approaches to body repair problems. Visual assistance is rendered by more than 100 illustrations. It includes explanations of many time-saving short-cut methods to make the job easier and better. Among other features is a glossary of terms used in the trade. This is the third edition. The first was published in the late thirties and over the years has enjoyed widespread acceptance and usage as a guide and test by many public, private and trade schools. It is a perfect "tool of the trade" for the student and journeyman alike.	BFB	1

Body and Fender Repair Tools
Tool Sets

Part Number	659K
153G	Cross Chisel Straight Hammer
158G	General Purpose Pick Hammer
160G	Heavy Duty Bumping Hammer
164G	Utility Pick Hammer
1058	Toe Dolly Block
1059	Heel Dolly Block
1060	General Purpose Dolly Block
1036	Light Dinging Spoon
1150	Adjustable File Holder
1158F	Body File Standard 14"
BFB	Instruction Manual
BX18	Tool Box

10 Tools

Part Number	691K
153G	Cross Chisel Straight Hammer
156G	Pick Hammer
158G	General Purpose Pick Hammer
160G	Heavy Duty Bumping Hammer
161G	Dinging Hammer
164G	Utility Pick Hammer
1058	Toe Dolly Block
1059	Heel Dolly Block
1060	General Purpose Dolly Block
1036	Light Dinging Spoon
1052	Spoon Dolly
1050	Combination Spoon
1150	Adjustable File Holder
1158F	Body File Standard 14"
162G	Shrinking Hammer
BFB	Instruction Manual
BX18	Tool Box

15 Tools

Part Number	692K
150G	Dinging Hammer
153G	Cross Chisel Straight Hammer
153GB	Cross Chisel Curved Hammer
155G	Fender Bumper
156G	Pick Hammer
156GB	Curved Pick Hammer
158G	General Purpose Pick Hammer
160G	Heavy Duty Bumping Hammer
161G	Dinging Hammer
162G	Shrinking Hammer
164G	Utility Pick Hammer
168G	Cross Peen Finishing Hammer
169G	Large Face Pick Finishing Hammer
1036	Light Dinging Spoon
1050	Combination Spoon
1052	Spoon Dolly
1054	Long Curved Spoon
1058	Toe Dolly Block
1059	Heel Dolly Block
1060	General Purpose Dolly Block
1061	Utility Dolly Block
1068	Low Crown Dolly Block
1091	Heavy Duty Driving Spoon
1150	Adjustable File Holder
1158F	Body File Standard 14"
BFB	Instruction Manual
BX17	Tool Box

25 Tools

Body and Fender Repair Tools
Tool Sets

Part Number	644K	Wood Handles
158G	General Purpose Pick Hammer	
153GB	Cross Chisel Curved Hammer	
1036	Light Dinging Spoon	
1058	Toe Dolly Block	

4 Tools

Part Number	644KFG	Fiberglass Handles
158FG	General Purpose Pick Hammer	
153FGB	Cross Chisel Curved Hammer	
1036	Light Dinging Spoon	
1058	Toe Dolly Block	

4 Tools

Part Number	647K	Wood Handles		
153GB	Cross Chisel Curved Hammer		1058	Toe Dolly Block
162G	Shrinking Hammer		1059	Heel Dolly Block
164G	Utility Pick Hammer		1060	General Purpose Dolly Block
1036	Light Dinging Spoon			

7 Tools

Part Number	647KFG	Fiberglass Handles		
153FGB	Cross Chisel Curved Hammer		1058	Toe Dolly Block
162FG	Shrinking Hammer		1059	Heel Dolly Block
164FG	Utility Pick Hammer		1060	General Purpose Dolly Block
1036	Light Dinging Spoon			

7 Tools

Part Number	694K	Wood Handles
158G	General Purpose Pick Hammer	
153GB	Cross Chisel Curved Hammer	
164G	Utility Pick Hammer	
170G	Door Skin Hammer	

4 Tools

Part Number	694KFG	Fiberglass Handles
158FG	General Purpose Pick Hammer	
153FGB	Cross Chisel Curved Hammer	
164FG	Utility Pick Hammer	
170FG	Door Skin Hammer	

4 Tools

Part Number	645K
1059	Heel Dolly
1060	General Purpose Dolly
1036	Light Dinging Spoon
1057	Light Weight Toe Dolly

4 Tools

Combination Wrenches

BD1		QTY.
1158	1/4 Combination Wrench	1
1159	5/16 Combination Wrench	1
1159A	11/32 Combination Wrench	1
1160	3/8 Combination Wrench	1
1161	7/16 Combination Wrench	1
1162	1/2 Combination Wrench	1
1163	9/16 Combination Wrench	1
1164	5/8 Combination Wrench	1
1165	11/16 Combination Wrench	1
1166	3/4 Combination Wrench	1
1167A	13/16 Combination Wrench	1
1167	7/8 Combination Wrench	1
1168	15/16 Combination Wrench	1
1170	1 Combination Wrench	1
1171	1-1/16 Combination Wrench	1
1172	1-1/8 Combination Wrench	1
1173	1-1/4 Combination Wrench	1
1174	1-5/16 Combination Wrench	1
1175	1-3/8 Combination Wrench	1
1176	1-7/16 Combination Wrench	1

Combination Wrenches - Metric

BD2		QTY.
1106MM	6 MM Combination Wrench	1
1107MM	7 MM Combination Wrench	1
1108MM	8 MM Combination Wrench	1
1109MM	9 MM Combination Wrench	1
1110MM	10 MM Combination Wrench	1
1111MM	11 MM Combination Wrench	1
1112MM	12 MM Combination Wrench	1
1113MM	13 MM Combination Wrench	1
1114MM	14 MM Combination Wrench	1
1115MM	15 MM Combination Wrench	1
1116MM	16 MM Combination Wrench	1
1117MM	17 MM Combination Wrench	1
1118MM	18 MM Combination Wrench	1
1119MM	19 MM Combination Wrench	1
1120MM	20 MM Combination Wrench	1
1121MM	21 MM Combination Wrench	1
1122MM	22 MM Combination Wrench	1
1123MM	23 MM Combination Wrench	1
1124MM	24 MM Combination Wrench	1
1125MM	25 MM Combination Wrench	1
1126MM	26 MM Combination Wrench	1
1127MM	27 MM Combination Wrench	1
1128MM	28 MM Combination Wrench	1
1129MM	29 MM Combination Wrench	1
1130MM	30 MM Combination Wrench	1
1132MM	32 MM Combination Wrench	1
1134MM	34 MM Combination Wrench	1

Tool Display Boards

Hydraulic Wrenches

BD3		QTY.
3710A	11/32 x 11/32 Hydraulic Wrench	1
3710	3/8 x 3/8 Hydraulic Wrench	1
3711	7/16 x 7/16 Hydraulic Wrench	1
3712	1/2 x 1/2 Hydraulic Wrench	1
3713	9/16 x 9/16 Hydraulic Wrench	1
3714	5/8 x 5/8 Hydraulic Wrench	1
3715	11/16 x 11/16 Hydraulic Wrench	1
3716	3/4 x 3/4 Hydraulic Wrench	1
3717	13/16 x 13/16 Hydraulic Wrench	1
3718	7/8 x 7/8 Hydraulic Wrench	1
3719	15/16x15/16 Hydraulic Wrench	1
3720	1x1 Hydraulic Wrench	1
3721	1-1/16 x 1-1/16 Hydraulic Wrench	1
3722	1-1/8 x 1-1/8 Hydraulic Wrench	1
3722A	1-3/16 x 1-3/16 Hydraulic Wrench	1
3723	1-1/4 x 1-1/4 Hydraulic Wrench	1
3724	1-3/8 x 1-3/8 Hydraulic Wrench	1
3725	1-7/16 x 1-7/16 Hydraulic Wrench	1
3726	1-1/2 x 1-1/2 Hydraulic Wrench	1

Hydraulic Wrenches — Metric

BD4		QTY.
3709mm	9 mm Hydraulic Wrench	1
3710mm	10 mm Hydraulic Wrench	1
3711mm	11 mm Hydraulic Wrench	1
3712mm	12 mm Hydraulic Wrench	1
3713mm	13 mm Hydraulic Wrench	1
3714mm	14 mm Hydraulic Wrench	1
3715mm	15 mm Hydraulic Wrench	1
3716mm	16 mm Hydraulic Wrench	1
3717mm	17 mm Hydraulic Wrench	1
3718mm	18 mm Hydraulic Wrench	1
3719mm	19 mm Hydraulic Wrench	1
3720mm	20 mm Hydraulic Wrench	1
3721mm	21 mm Hydraulic Wrench	1
3722mm	22 mm Hydraulic Wrench	1
3723mm	23 mm Hydraulic Wrench	1
3724mm	24 mm Hydraulic Wrench	1
3727mm	27 mm Hydraulic Wrench	1
3730mm	30 mm Hydraulic Wrench	1
3732mm	32 mm Hydraulic Wrench	1
3734mm	34 mm Hydraulic Wrench	1
3736mm	36 mm Hydraulic Wrench	1

Tool Display Boards

Service Wrenches

BD5		QTY.
1224	3/4 Service Wrench	1
1226	13/16 Service Wrench	1
1228	7/8 Service Wrench	1
1230	15/16 Service Wrench	1
1232	1 Service Wrench	1
1234	1-1/16 Service Wrench	1
1236	1-1/8 Service Wrench	1
1238	1-3/16 Service Wrench	1
1240	1-1/4 Service Wrench	1
1242	1-5/16 Service Wrench	1
1244	1-3/8 Service Wrench	1
1246	1-7/16 Service Wrench	1
1248	1-1/2 Service Wrench	1
1250	1-9/16 Service Wrench	1
1252	1-5/8 Service Wrench	1
1254	1-11/16 Service Wrench	1
1256	1-3/4 Service Wrench	1
1258	1-13/16 Service Wrench	1
1260	1-7/8 Service Wrench	1
1262	1-15/16 Service Wrench	1
1264	2-Service Wrench	1
1268	2-1/8 Service Wrench	1
1272	2-1/4 Service Wrench	1

Service Wrenches — Metric

BD6		QTY.
1219mm	19mm Service Wrench	1
1221mm	21 mm Service Wrench	1
1222mm	22 mm Service Wrench	1
1224mm	24 mm Service Wrench	1
1227mm	27 mm Service Wrench	1
1230mm	30 mm Service Wrench	1
1232mm	32 mm Service Wrench	1
1236mm	36 mm Service Wrench	1
1237mm	37 mm Service Wrench	1
1238mm	38 mm Service Wrench	1
1240mm	40 mm Service Wrench	1
1241mm	41 mm Service Wrench	1
1242mm	42 mm Service Wrench	1
1244mm	44 mm Service Wrench	1
1246mm	46 mm Service Wrench	1
1248mm	48 mm Service Wrench	1
1250mm	50 mm Service Wrench	1
1255mm	55 mm Service Wrench	1
1260mm	60 mm Service Wrench	1
1265mm	65 mm Service Wrench	1

Tool Display Boards

Double Open End / Box Wrenches

BD7		QTY.
1020	1/4 x 5/16 Open End Wrench	1
1721	5/16 x 3/8 Open End Wrench	1
1723	3/8 x 7/16 Open End Wrench	1
1725	7/16 x 1/2 Open End Wrench	1
1725A	7/16 x 9/16 Open End Wrench	1
1725B	1/2 x 9/16 Open End Wrench	1
1727	9/16 x 5/8 Open End Wrench	1
1027B	5/8 x 11/16 Open End Wrench	1
1729	5/8 x 3/4 Open End Wrench	1
1731	3/4 x 13/16 Open End Wrench	1
1033A	7/8 x 15/16 Open End Wrench	1
1733	7/8 x 1 Open End Wrench	1
1034A	15/16 x 1-1/16 Open End Wrench	1
1735	1 x 1-1/8 Open End Wrench	1
8723	3/8 x 7/16 Long Box Wrench	1
8725B	1/2 x 9/16 Long Box Wrench	1
8729	5/8 x 3/4 Long Box Wrench	1
8029B	11/16 x 3/4 Long Box Wrench	1
8033A	7/8 x 15/16 Long Box Wrench	1
8033C	15/16 x 1 Long Box Wrench	1
8735	1 x 1 1/8Long Box Wrench	1
8037	1-1/16 x 1-1/4Long Box Wrench	1
8039B	1-1/4 x 1-7/16Long Box Wrench	1
9721	5/16 x 3/8 Dbl. Offset Box Wrench	1
9723	3/8 x 7/16 Dbl. Offset Box Wrench	1
9725B	1/2 x 9/16 Dbl. Offset Box Wrench	1
9727	9/16 x 5/8 Dbl. Offset Box Wrench	1
9729	5/8 x 3/4 Dbl. Offset Box Wrench	1

Check Nut Wrenches

BD9		QTY.
601A	7/16 Check Nut	1
601	1/2 Check Nut	1
602A	9/16 Check Nut	1
602	19/32 Check Nut	1
603A	5/8 Check Nut	1
603	11/16 Check Nut	1
604A	3/4 Check Nut	1
605A	13/16 Check Nut	1
605	7/8 Check Nut	1
606A	15/16 Check Nut	1
606B	1 Check Nut	1
607	1-1/16 Check Nut	1
607A	1-1/8 Check Nut	1
608	1-1/4 Check Nut	1
610MM	10mm Check Nut	1
611MM	1mm Check Nut	1
612MM	12mm Check Nut	1
613MM	13mm Check Nut	1
614MM	14mm Check Nut	1
615MM	15mm Check Nut	1
616MM	16mm Check Nut	1
617MM	17mm Check Nut	1
618MM	18mm Check Nut	1
619MM	19mm Check Nut	1
621MM	21mm Check Nut	1
622MM	22mm Check Nut	1
624MM	24mm Check Nut	1
627MM	27mm Check Nut	1
630MM	30mm Check Nut	1
632MM	32mm Check Nut	1

Tool Display Boards

Crowfoot Wrenches

BD10		QTY.
4112	3/8 Crowfoot Wrench	1
4114	7/16 Crowfoot Wrench	1
4116	1/2 Crowfoot Wrench	1
4118	9/16 Crowfoot Wrench	1
4120	5/8 Crowfoot Wrench	1
4122	11/16 Crowfoot Wrench	1
4124	3/4 Crowfoot Wrench	1
4126	13/16 Crowfoot Wrench	1
4128	7/8 Crowfoot Wrench	1
4130	15/16 Crowfoot Wrench	1
4132	1 Crowfoot Wrench	1
4134	1-1/16 Crowfoot Wrench	1
4136	1-1/8 Crowfoot Wrench	1
4140	1-1/4 Crowfoot Wrench	1
4144	1-3/8 Crowfoot Wrench	1
4148	1-1/2 Crowfoot Wrench	1
BC20	5/8 Drive Crowfoot	1
BC22	11/16 Drive Crowfoot	1
BC24	3/4 Drive Crowfoot	1
BC26	13/16 Drive Crowfoot	1
BC28	7/8 Drive Crowfoot	1
BC30	15/16 Drive Crowfoot	1
BC32	1 Drive Crowfoot	1
BC34	1-1/16 Drive Crowfoot	1
SC36	1-1/8 Drive Crowfoot	1
SC38	1-3/16 Drive Crowfoot	1
SC40	1-1/4 Drive Crowfoot	1
SC42	1-5/16 Drive Crowfoot	1
SC44	1-3/8 Drive Crowfoot	1
SC46	1-7/16 Drive Crowfoot	1
SC50	1-9/16 Drive Crowfoot	1
SC52	1-5/8 Drive Crowfoot	1
SC54	1-11/16 Drive Crowfoot	1
SC56	1-3/4 Drive Crowfoot	1
SC58	1-13/16 Drive Crowfoot	1
SC60	1-7/8 Drive Crowfoot	1
SC62	1-15/16 Drive Crowfoot	1
SC64	2 Drive Crowfoot	1

Spanner Wrenches

BD11		QTY.
0471	3/4 to 2 Adjustable Pin Spanner	1
0471A	3/4 to 2 Adjustable Pin Spanner	1
0472	1-1/4 to 3 Adjustable Pin Spanner	1
0472A	1-1/4 to 3 Adjustable Pin Spanner	1
0474	2 to 4-3/4 Adjustable Pin Spanner	1
0474A	4-1/2 to 6-1/4 Adjustable Pin Spanner	1
471	3/4 to 2 Adjustable Hook Spanner	1
472	1-1/4 to 3 Adjustable Hook Spanner	1
474	2 to 4-3/4 Adjustable Hook Spanner	1
474A	4-1/2 to 6-1/4 Adjustable Hook Spanner	1
474B	6-1/8 to 8-3/4 Adjustable Hook Spanner	1
482	2 Adjustable Face Spanner	1
483	3 Adjustable Face Spanner	1
484	4 Adjustable Face Spanner	1

Tool Display Boards

Adjustable Wrenches

BD12		QTY.
A6	6 Adjustable Wrench	1
A6T	6 Adjustable Wrench Black	1
A8	8 Adjustable Wrench	1
A8T	8 Adjustable Wrench Black	1
A10	10 Adjustable Wrench	1
A10T	10 Adjustable Wrench Black	1
A12	12 Adjustable Wrench	1
A12T	12 Adjustable Wrench Black	1
A 15	15 Adjustable Wrench	1
A15T	15 Adjustable Wrench Black	1
A18	18 Adjustable Wrench	1
A18T	18 Adjustable Wrench Black	1
89311	11 Adjustable Auto Wrench	1

Pliers

BD13		QTY.
P206	6 Diagonal Cutting	1
P208	8 Combination Slip Joint	1
P210	10 Combination Slip Joint	1
P307	7 Lineman's	1
P308	8-1/2 Lineman's	1
P309	9-1/4 New England Pattern Lineman's	1
P407	7 Tongue and Grove	1
P506	6-1/2 Long Chain Side Cutting	1
P507	8 Long Chain Side Cutting	1
P510	10 Tongue and Grove	1
P2065	6-3/4 Combination Slip Joint	1
P2075	7 Diagonal Cutting	1
P71275	13 Tongue and Grove	1
P75	10" Retaining Ring Plier 1-1/2" - 4"	1
P1421	6" Retaining Ring Plier 1/8" - 1"	1
P1434	8" Retaining Ring Plier 1/4" - 2"	1

Tool Display Boards

Dollies

BD14		QTY.
1024	Surfacing Spoon	1
1036	Light Dinging Spoon	1
1052	Spoon Dolly	1
1056	Wing-Ding Spoon Dolly	1
1057	Light Weight Toe Dolly	1
1058	Toe Dolly	1
1058S	Shrinking Dolly (Serrated)	1
1059	Heel Dolly	1
1060	General Purpose Dolly	1
1065	Light Weight Wedge Dolly	1

Wood Handle Hammers

BD15WD		QTY.
150G	Dinging Hammer	1
153G	Cross Chisel Hammer	1
153GB	Cross Chisel Curved Hammer	1
153S	Cross Chisel Shrinking Hammer	1
156GB	Curved Pick Hammer	1
158G	General Purpose Pick Hammer	1
160G	Heavy Duty Bumping Hammer	1
162G	Shrinking Hammer	1
164G	Utility Pick Hammer	1
168G	Cross Peen Finishing Hammer	1
170G	Door Skin Hammer	1

Fiberglass Handle Hammers

BD15FG		QTY.
150FG	Dinging Hammer	1
153FG	Cross Chisel Hammer	1
153FGB	Cross Chisel Curved Hammer	1
153SFG	Cross Chisel Shrinking Hammer	1
156FG	Curved Pick Hammer	1
158FG	General Purpose Pick Hammer	1
160FG	Heavy Duty Bumping Hammer	1
162FG	Shrinking Hammer	1
164FG	Utility Pick Hammer	1
168FG	Cross Peen Finishing Hammer	1
170FG	Door Skin Hammer	1

Tool Display Boards

1/4" & 3/8" Sockets

BD16		QTY.
M52	ATTACH,1/4,RATCH	1
M103	ATTACH,1/4,EXT,3	1
M106	ATTACH,1/4,SPINNER,6	1
M605	SKT,1/4,6PT,STD,5/32	1
M606	SKT,1/4,6PT,STD,3/16	1
M607	SKT,1/4,6PT,STD,7/32	1
M608	SKT,1/4,6PT,STD,1/4	1
M609	SKT,1/4,6PT,STD,9/32	1
M610	SKT,1/4,6PT,STD,5/16	1
M611	SKT,1/4,6PT,STD,11/32	1
M612	SKT,1/4,6PT,STD,3/8	1
M614	SKT,1/4,6PT,STD,7/16	1
M616	SKT,1/4,6PT,STD,1/2	1
M1206	SKT,1/4,12PT,STD,3/16	1
M1207	SKT,1/4,12PT,STD,7/32	1
M1208	SKT,1/4,12PT,STD,1/4	1
M1209	SKT,1/4,12PT,STD,9/32	1
M1210	SKT,1/4,12PT,STD,5/16	1
M1211	SKT,1/4,12PT,STD,11/32	1
M1212	SKT,1/4,12PT,STD,3/8	1
M1214	SKT,1/4,12PT,STD,7/16	1
M1216	SKT,1/4,12PT,STD,1/2	1
MD606	SKT,1/4,6PT,DP,3/16	1
MD607	SKT,1/4,6PT,DP,7/32	1
MD608	SKT,1/4,6PT,DP,1/4	1
MD609	SKT,1/4,6PT,DP,9/32	1
MD610	SKT,1/4,6PT,DP,5/16	1
MD611	SKT,1/4,6PT,DP,11/32	1
MD612	SKT,1/4,6PT,DP,3/8	1
MD614	SKT,1/4,6PT,DP,7/16	1
MD616	SKT,1/4,6PT,DP,1/2	1
MM604	SKT,1/4,6PT,STD,4MM	1
MM605	SKT,1/4,6PT,STD,5MM	1
MM606	SKT,1/4,6PT,STD,6MM	1
MM607	SKT,1/4,6PT,STD,7MM	1
MM608	SKT,1/4,6PT,STD,8MM	1
MM609	SKT,1/4,6PT,STD,9MM	1
MM610	SKT,1/4,6PT,STD,10MM	1
MM611	SKT,1/4,6PT,STD,11MM	1
MM612	SKT,1/4,6PT,STD,12MM	1
MM613	SKT,1/4,6PT,STD,13MM	1
BS129	ATT,ADAPT,3/8-FX1/4-M	1
BS130	ATT,ADAPT,3/8-FX1/2-M	1
B140A	ATTACH,3/8,UNIVERSAL	1
BA4	SKT,3/8,HEX,BIT,1/8	1
BA5	SKT,3/8,HEX,BIT,5/32	1
BA6	SKT,3/8,HEX,BIT,3/16	1
BA7	SKT,3/8,HEX,BIT,7/32	1
BA8	SKT,3/8,HEX,BIT,1/4	1
BA10	SKT,3/8,HEX,BIT,5/16	1
BA12	SKT,3/8,HEX,BIT,5/16	1
BU612	SKT,3/8,6PT,FLEX,3/8	1
BU614	SKT,3/8,6PT,FLEX,7/16	1
BU616	SKT,3/8,6PT,FLEX,1/2	1
BU618	SKT,3/8,6PT,FLEX,9/16	1

BD16		QTY.
BU620	SKT,3/8,6PT,FLEX,5/8	1
BU622	SKT,3/8,6PT,FLEX,11/16	1
BU624	SKT,3/8,6PT,FLEX,3/4	1
B40A	RATCH,3/8,F-HDL,8 1/2	1
B52	RATCH,3/8,REV,7	1
B54	RATCH,3/8,FLEX	1
B103	ATTACH,EXT,3/8,3	1
B105	ATTACH,EXT,3/8,5	1
B112	ATTACH,EXT3/8,12	1
B608	SKT,3/8,6PT,STD,1/4	1
B610	SKT,3/8,6PT,STD,5/16	1
B612	SKT,3/8,6PT,STD,3/8	1
B614	SKT,3/8,6PT,STD,7/16	1
B616	SKT,3/8,6PT,STD,1/2	1
B618	SKT,3/8,6PT,STD,9/16	1
B620	SKT,3/8,6PT,STD,5/8	1
B622	SKT,3/8,6PT,STD,11/16	1
B624	SKT,3/8,6PT,STD,3/4	1
B626	SKT,3/8,6PT,STD,13/16	1
B628	SKT,3/8,6PT,STD,7/8	1
B630	SKT,3/8,6PT,STD,15/16	1
B632	SKT,3/8,6PT,STD,1	1
B1208	SKT,3/8,12PT,STD,1/4	1
B1210	SKT,3/8,12PT,STD,5/16	1
B1212	SKT,3/8,12PT,STD,3/8	1
B1214	SKT,3/8,12PT,STD,7/16	1
B1216	SKT,3/8,12PT,STD,1/2	1
B1218	SKT,3/8,12PT,STD,9/16	1
B1220	SKT,3/8,12PT,STD,5/8	1
B1222	SKT,3/8,12PT,STD,11/16	1
B1224	SKT,3/8,12PT,STD,3/4	1
B1226	SKT,3/8,12PT,STD,13/16	1
B1228	SKT,3/8,12PT,STD,7/8	1
B1230	SKT,3/8,12PT,STD,15/16	1
B1232	SKT,3/8,12PT,STD,1	1
BD608	SKT,3/8,6PT,DP,1/4	1
BD610	SKT,3/8,6PT,DP,5/16	1
BD612	SKT,3/8,6PT,DP,3/8	1
BD614	SKT,3/8,6PT,DP,7/16	1
BD616	SKT,3/8,6PT,DP,1/2	1
BD618	SKT,3/8,6PT,DP,9/16	1
BD620	SKT,3/8,6PT,DP,5/8	1
BD622	SKT,3/8,6PT,DP,11/16	1
BD624	SKT,3/8,6PT,DP,3/4	1
BD626	SKT,3/8,6PT,DP,13/16	1
BD628	SKT,3/8,6PT,DP,7/8	1
BD630	SKT,3/8,6PT,DP,15/16	1
BD632	SKT,3/8,6PT,DP,1	1
BD620P	SKT,3/8,6PT,SPK,PLG,5/8	1
BD626P	SKT,3/8,6PT, SPK,PLG,13/16	1
BD1212	SKT,3/8,12PT,DP,3/8	1
BD1214	SKT,3/8,12PT,DP,7/16	1
BD1216	SKT,3/8,12PT,DP,1/2	1
BD1218	SKT,3/8,12PT,DP,9/16	1
BD1220	SKT,3/8,12PT,DP,5/8	1

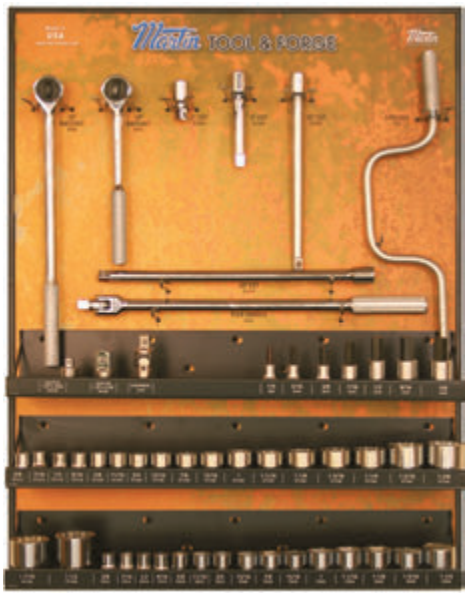
BD16		QTY.
BD1222	SKT,38,12PT,DP,11/16	1
BD1224	SKT,3/8,12PT,DP,3/4	1
BD1226	SKT,3/8,12PT,DP,13/16	1
BD1228	SKT,3/8,12PT,DP,7/8	1
BM606	SKT,3/8,6PT,STD,6MM	1
BM607	SKT,3/8,6PT,STD,7MM	1
BM608	SKT,3/8,6PT,STD,8MM	1
BM609	SKT,3/8,6PT,STD,9MM	1
BM610	SKT,3/8,6PT,STD,10MM	1
BM611	SKT,3/8,6PT,STD,11MM	1
BM612	SKT,3/8,6PT,STD,12MM	1
BM613	SKT,3/8,6PT,STD,13MM	1
BM614	SKT,3/8,6PT,STD,14MM	1
BM615	SKT,3/8,6PT,STD,15MM	1
BM616	SKT,3/8,6PT,STD,16MM	1
BM617	SKT,3/8,6PT,STD,17MM	1
BM618	SKT,3/8,6PT,STD,18MM	1
BM619	SKT,3/8,6PT,STD,19MM	1
BMD606	SKT,3/8,6PT,DP,6MM	1
BMD607	SKT,3/8,6PT,DP,7MM	1
BMD608	SKT,3/8,6PT,DP,8MM	1
BMD609	SKT,3/8,6PT,DP,9MM	1
BMD610	SKT,3/8,6PT,DP,10MM	1
BMD611	SKT,3/8,6PT,DP,11MM	1
BMD612	SKT,3/8,6PT,DP,12MM	1
BMD613	SKT,3/8,6PT,DP,13MM	1
BMD614	SKT,3/8,6PT,DP,14MM	1
BMD615	SKT,3/8,6PT,DP,15MM	1
BMD616	SKT,3/8,6PT,DP,16MM	1
BMD617	SKT,3/8,6PT,DP,17MM	1
BMD618	SKT,3/8,6PT,DP,18MM	1
BMD619	SKT,3/8,6PT,DP,19MM	1

Tool Display Boards

1/2" Chrome

BD17		QTY.
S15	ATTACH,1/2,SPEEDER,18	1
S102P	ATTACH,1/2,EXT,2	1
S110P	ATTACH,1/2,EXT,5	1
S115P	ATTACH,1/2,EXT,10	1
S121P	ATTACH,1/2,EXT,18	1
S140	ATTACH,1/2,UNIVERSAL	1
SA8	SKT,1/2,HEX,BIT,1/4	1
SA10	SKT,1/2,HEX,BIT,5/16	1
SA12	SKT,1/2,HEX,BIT,3/8	1
SA14	SKT,1/2,HEX,BIT,7/16	1
SA16	SKT,1/2,HEX,BIT,1/2	1
SA18	SKT,1/2,HEX,BIT,9/16	1
SA20	SKT,1/2,HEX,BIT,5/8	1
SF41	ATTACH,1/2,F-HDL,17	1
SF51	RACTH,1/2,,REV,10	1
SF55	1/2" RATCHET 15"	1
SH129	ADAPT,1/2F X 3/8M	1
SH130	ADAPT,1/2 F X 3/4M	1
ST1212	SKT,1/2,12P,STD,3/8	1
ST1214	SKT,1/2,12P,STD,7/16	1
ST1216	SKT,1/2,12PTSTD,1/2	1
ST1218	SKT,1/2,12P,STD,9/16	1
ST1220	SKT,1/2,12P,STD,5/8	1
ST1222	SKT,1/2,12P,STD,11/16	1
ST1224	SKT,1/2,12P,STD,3/4	1
ST1226	SKT,1/2,12P,STD,13/16	1

BD17		QTY.
ST1228	SKT,1/2,12P,STD,7/8	1
ST1230	SKT,1/2,12P,STD,15/16	1
ST1232	SKT,1/2,12P,STD,1	1
ST1234	SKT,1/2,12P,STD,1-1/16	1
ST1236	SKT,1/2,12P,STD,1-1/8	1
ST1238	SKT,1/2,12P,STD,1-3/16	1
ST1240	SKT,1/2,12P,STD,1-1/4	1
ST1242	SKT,1/2,12PT,STD,1-5/16	1
ST1244	SKT,1/2,12P,STD,1-3/8	1
ST1246	SKT,1/2,12PT,STD,1-7/16	1
ST1248	SKT,1/2,12P,STD,1-1/2	1
ST612	SKT,1/2,6P,STD,3/8	1
ST614	SKT,1/2,6P,STD,7/16	1
ST616	SKT,1/2,6P,STD,1/2	1
ST618	SKT,1/2,6P,STD,9/16	1
ST620	SKT,1/2,6P,STD,5/8	1
ST622	SKT,1/2,6P,STD,11/16	1
ST624	SKT,1/2,6P,STD,3/4	1
ST626	SKT,1/2,6P,STD,13/16	1
ST628	SKT,1/2,6P,STD,7/8	1
ST630	SKT,1/2,6P,STD,15/16	1
ST632	SKT,1/2,6P,STD,1	1
ST634	SKT,1/2,6P,STD,1-1/16	1
ST636	SKT,1/2,6P,STD,1-1/8	1
ST638	SKT,1/2,6P,STD,1-3/16	1
ST640	SKT,1/2,6P,STD,1-1/4	1



1/2" Chrome Sockets

BD18		QTY.
SD1212	SKT,1/2,12P,DP,3/8	1
SD1214	SKT,1/2,12P,DP,7/16	1
SD1216	SKT,1/2,12P,DP,1/2	1
SD1218	SKT,1/2,12P,DP,9/16	1
SD1220	SKT,1/2,12P,DP,5/8	1
SD1222	SKT,1/2,12P,DP,11/16	1
SD1224	SKT,1/2,12P,DP,3/4	1
SD1226	SKT,1/2,12P,DP,13/16	1
SD1228	SKT,1/2,12P,DP,7/8	1
SD1230	SKT,1/2,12P,DP,15/16	1
SD1232	SKT,1/2,12P,DP,1	1
SD1234	SKT,1/2,12P,DP,1-1/16	1
SD1236	SKT,1/2,12P,DP,1-1/8	1
SD1238	SKT,1/2,12P,DP,1-3/16	1
SD1240	SKT,1/2,12P,DP,1-1/4	1
SD1242	SKT, 1/2, 12P, DP, 1-5/16	1
SD1244	SKT,1/2,12P,DP,1-3/8	1
SD1246	SKT,1/2,12P,DP,1-7/16	1
SD1248	SKT,1/2,12P,DP,1-1/2	1
SD616	SKT,1/2,6P,DP,1/2	1
SD618	SKT,1/2,6P,DP,9/16	1
SD620	SKT,1/2,6P,DP,5/8	1
SD622	SKT,1/2,6P,DP,11/16	1
SD624	SKT,1/2,6P,DP,3/4	1
SD626	SKT,1/2,6P,DP,13/16	1
SD628	SKT,1/2,6P,DP,7/8	1
SD630	SKT,1/2,6P,DP,15/16	1
SD632	SKT,1/2,6P,DP,1	1
SD634	SKT,1/2,6P,DP,1-1/16	1
SD636	SKT,1/2,6P,DP,1-1/8	1
STM1209	SKT,1/2,12P,STD,9MM	1
STM1210	SKT,1/2,12P,STD,10MM	1
STM1211	SKT,1/2,12P,STD,11MM	1
STM1212	SKT,1/2,12P,STD,12MM	1
STM1213	SKT,1/2,12P,STD,13MM	1

BD18		QTY.
STM1214	SKT,1/2,12P,STD,14MM	1
STM1215	SKT,1/2,12P,STD,15MM	1
STM1216	SKT,1/2,12P,STD,16MM	1
STM1217	SKT,1/2,12P,STD,17MM	1
STM1218	SKT,1/2,12P,STD,18MM	1
STM1219	SKT,1/2,12P,STD,19MM	1
STM1220	SKT,1/2,12P,STD,20MM	1
STM1221	SKT,1/2,12P,STD,21MM	1
STM1222	SKT,1/2,12P,STD,22MM	1
STM1223	SKT,1/2,12P,STD,23MM	1
STM1224	SKT,1/2,12P,STD,24MM	1
STM1225	SKT,1/2,12P,STD,25MM	1
STM1226	SKT,1/2,12P,STD,26MM	1
STM1227	SKT,1/2,12P,STD,27MM	1
STM1230	SKT,1/2,12P,STD,30MM	1
STM1232	SKT,1/2,12P,STD,32MM	1
STM1236	SKT,1/2,12P,STD,36MM	1
SMD1210	SKT,1/2,12P,DP,10MM,	1
SMD1211	SKT,1/2,12P,DP,11MM	1
SMD1212	SKT,1/2,12P,DP,12MM	1
SMD1213	SKT,1/2,12P,DP,13MM	1
SMD1214	SKT,1/2,12P,DP,14MM	1
SMD1215	SKT,1/2,12P,DP,15MM	1
SMD1216	SKT,1/2,12P,DP,16MM	1
SMD1217	SKT,1/2,12P,DP,17MM	1
SMD1218	SKT,1/2,12P,DP,18MM	1
SMD1219	SKT,1/2,12P,DP,19MM	1
SMD1220	SKT,1/2,12P,DP,20MM	1
SMD1221	SKT,1/2,12P,DP,21MM	1
SMD1222	SKT,1/2,12P,DP,22MM	1
SMD1223	SKT,1/2,12P,DP,23MM	1
SMD1224	SKT,1/2,12P,DP,24MM	1
SMD1225	SKT,1/2,12P,DP,25MM	1
SMD1226	SKT,1/2,12P,DP,26MM	1
SMD1227	SKT,1/2,12P,DP,27MM	1

Tool Display Boards

3/4" Chrome

BD19		QTY.
H20A	ATTACH,3/4,T-SLIDE,	1
H41A	ATTACH,3/4,F-HDL,21-5/8	1
H51	RATCH,3/4,REV,24	1
H104	ATTACH,3/4,EXT,3-1/2	1
H110	ATTACH,3/4,EXT,8	1
H115	ATTACH,3/4,EXT,16	1
H140	ATTACH,3/4,UNIVERSAL	1
H1224	SKT,3/4,12PT,STD,3/4	1
H1226	SKT,3/4,12PT,STD,13/16	1
H1228	SKT,3/4,12PT,STD,7/8	1
H1230	SKT,3/4,12PT,STD,15/16	1
H1232	SKT,3/4,12PT,STD,1	1
H1234	SKT,3/4,12PT,STD,1-1/16	1
H1236	SKT,3/4,12PT,STD,1-1/8	1
H1238	SKT,3/4,12PT,STD,1 3/16	1
H1240	SKT,3/4,12PT,STD,1-1/4	1
H1242	SKT,3/4,12PT,STD,1-5/16	1
H1244	SKT,3/4,12PT,STD,1-3/8	1
H1246	SKT,3/4,12PT,STD,1-7/16	1
H1248	SKT,3/4,12PT,STD,1-1/2	1
H1250	SKT,3/4,12PT,STD,1-9/16	1
H1252	SKT,3/4,12PT,STD,1-5/8	1
H1254	SKT,3/4,12PT,STD,1-11/16	1
H1256	SKT,3/4,12PT,STD,1-3/4	1
H1258	SKT,3/4,12PT,STD,1-13/16	1
H1260	SKT,3/4,12PT,STD,1-7/8	1
H1264	SKT,3/4,12PT,STD,2	1
H1266	SKT,3/4,12PT,STD,2 1/16	1
H1268	SKT,3/4,12PT,STD,2 1/7	1
H1270	SKT,3/4,12PT,STD,2 3/16	1
H1272	SKT,3/4,12PT,STD,2 1/4	1
H1276	SKT,3/4,12PT,STD,2 3/8	1

3/4" Impact

BD20		QTY.
6107	3/4,EXT,7	1
6110	3/4,EXT,10	1
64A	3/4,ADAP,3/4F-1/2M	1
67	3/4,ADAP,3/4F-1M	1
6140A	3/4,IMP,UNIVERSAL	1
6620	SKT,3/4,6P,STD,IMP,5/8	1
6622	SKT,3/4,6P,STD,IMP,11/16	1
6624	SKT,3/4,6P,STD,IMP,3/4	1
6626	SKT,3/4,6P,STD,IMP,13/16	1
6628	SKT,3/4,6P,STD,IMP,7/8	1
6630	SKT,3/4,6P,STD,IMP,15/16	1
6632	SKT,3/4,6P,STD,IMP,1	1
6634	SKT,3/4,6P,STD,IMP,1-1/16	1
6636	SKT,3/4,6P,STD,IMP,1-1/8	1
6638	SKT,3/4,6P,STD,IMP,1-3/16	1
6640	SKT,3/4,6P,STD,IMP,1-1/4	1
6642	SKT,3/4,6P,STD,IMP,1-5/16	1
6644	SKT,3/4,6P,STD,IMP,1-3/8	1
6646	SKT,3/4,6P,STD,IMP,1-7/16	1
6648	SKT,3/4,6P,STD,IMP,1-1/2	1
6650	SKT,3/4,6P,STD,IMP,1-9/16	1
6652	SKT,3/4,6P,STD,IMP,1-5/8	1
6654	SKT,3/4,6P,STD,IMP,1-11/16	1
6656	SKT,3/4,6P,STD,IMP,1-3/4	1

BD20		QTY.
6658	SKT,3/4,6P,STD,IMP,1-13/16	1
6660	SKT,3/4,6P,STD,IMP,1-7/8	1
6662	SKT,3/4,6P,STD,IMP,1-15/16	1
6664	SKT,3/4,6P,STD,IMP,2	1
16624	SKT,3/4,6P,DP,IMP,3/4	1
16626	SKT,3/4,6P,DP,IMP,13/16	1
16628	SKT,3/4,6P,DP,IMP,7/8	1
16630	SKT,3/4,6P,DP,IMP,15/16	1
16632	SKT,3/4,6P,DP,IMP,1	1
16634	SKT,3/4,6P,DP,IMP,1-1/16	1
16636	SKT,3/4,6P,DP,IMP,1-1/8	1
16638	SKT,3/4,6P,DPIMP,1-3/16	1
16640	SKT,3/4,6P,DP,IMP,1-1/4	1
16642	SKT,3/4,6P,DP,IMP,1-5/16	1
16644	SKT,3/4,6P,DP,IMP,1-3/8	1
16646	SKT,3/4,6P,DP,IMP,1-7/16	1
16648	SKT,3/4,6P,DP,IMP,1-1/2	1
16650	SKT,3/4,6P,DP,IMP,1-9/16	1
16652	SKT,3/4,6P,DP,IMP,1-5/8	1
16654	SKT,3/4,6P,DP,IMP,111/16	1
16656	SKT,3/4,6P,DP,IMP,1-3/4	1
16660	SKT,3/4,6P,DP,IMP,1-7/8	1
16664	SKT,3/4,6P,DP,IMP,2	1

Tool Display Boards

3/8" and 1/2" Impact

BD21		QTY.
24A	3/8,IMP,ADAPT,3/8FX1/2M	1
2140A	3/8,IMP,UNIVERSAL,JOINT	1
2610	SKT,3/8,6P,STD,IMP,5/16	1
2612	SKT,3/8,6P,STD,IMP,3/8	1
2614	SKT,3/8,6P,STD,IMP,7/16	1
2616	SKT,3/8,6P,STD,IMP,1/2	1
2618	SKT,3/8,6P,STD,IMP,9/16	1
2620	SKT,3/8,6P,STD,IMP,5/8	1
2622	SKT,3/8,6P,STD,IMP,11/16	1
2624	SKT,3/8,6P,STD,IMP,3/4	1
12610	SKT,3/8,6P,DP,IMP,5/16	1
12612	SKT,3/8,6P,DP,IMP,3/8	1
12614	SKT,3/8,6P,DP,IMP,7/16	1
12616	SKT,3/8,6P,DP,IMP,1/2	1
12618	SKT,3/8,6P,DP,IMP,9/16	1
12620	SKT,3/8,6P,DP,IMP,5/8	1
12622	SKT,3/8,6P,DP,IMP,11/16	1
12624	SKT,3/8,6P,DP,IMP,3/4	1
2M610	SKT,3/8,6P,STD,IMP,10MM	1
2M612	SKT,3/8,6P,STD,IMP,12MM	1
2M613	SKT,3/8,6P,STD,IMP,13MM	1
2M614	SKT,3/8,6P,STD,IMP,14MM	1
2M615	SKT,3/8,6P,STD,IMP,15MM	1
2M617	SKT,3/8,6P,STD,IMP,17MM	1
2M618	SKT,3/8,6P,STD,IMP,18MM	1
2M619	SKT,3/8,6P,STD,IMP,19MM	1
4105A	1/2,IMP,EXT,6	1
4140A	1/2,IMP,U-JOINT	1
42A	1/2,ADAP,1/2F X 3/8M	1
46	1/2,ADAP,1/2F X 3/4M	1
4612	SKT,1/2,6P,STD,IMP,3/8	1
4614	SKT,1/2,6P,STD,IMP,7/16	1
4616	SKT,1/2,6P,STD,IMP,1/2	1
4618	SKT,1/2,6P,STD,IMP,9/16	1
4620	SKT,1/2,6P,STD,IMP,5/8	1

BD21		QTY.
4622	SKT,1/2,6P,STD,IMP,11/16	1
4624	SKT,1/2,6P,STP,IMP,3/4	1
4626	SKT,1/2,6P,STD,IMP,13/16	1
4628	SKT,1/2,6P,STD,IMP,7/8	1
2630	SKT,1/2,6P,STD,IMP,15/16	1
4632	SKT,1/2,6P,STD,IMP,1	1
4634	SKT,1/2,6P,STD,IMP,1-1/16	1
4636	SKT,1/2,6P,STD,IMP,1-1/8	1
4638	SKT,1/2,6P,STD,IMP,1-3/16	1
4640	SKT,1/2,6P,STD,IMP,1-1/4	1
14612	SKT,1/2,6P,DP,IMP,3/8	1
14614	SKT,1/2,6P,DP,IMP,7/16	1
14616	SKT,1/2,6P,DP,IMP,1/2	1
14618	SKT,1/2,6P,DP,IMP,9/16	1
14620	SKT,1/2,6P,DP,IMP,5/8	1
14622	SKT,1/2,6P,DP,IMP,11/16	1
14624	SKT,1/2,6P,DP,IMP,3/4	1
14626	SKT,1/2,6P,DP,IMP,13/16	1
14628	SKT,1/2,6P,DP,IMP,7/8	1
14630	SKT,1/2,6P,DP,IMP,15/16	1
14632	SKT,1/2,6P,DP,IMP,1	1
14634	SKT, 1/2,6P,DP,IMP 1-1/16	1
14636	SKT, 1/2,6P,DP,IMP 1-1/8	1
14640	SKT,1/2,6P,DP,IMP,1-1/4	1
4M613	SKT,1/2,6P,STD,IMP,13MM	1
4M614	SKT,1/2,6P,STD,IMP,14MM	1
4M615	SKT,1/2,6P,STD,IMP,15MM	1
4M616	SKT,1/2,6P,STD,IMP,16MM	1
4M617	SKT,1/2,6P,STD,IMP,17MM	1
4M618	SKT,1/2,6P,STD,IMP,18MM	1
4M619	SKT,1/2,6P,STD,IMP,19MM	1
4M621	SKT,1/2,6P,STD,IMP,21MM	1
4M622	SKT,1/2,6P,STD,IMP,22MM	1
4M624	SKT,1/2,6P,STD,IMP,24MM	1
4M627	SKT,1/2,6P,STD,IMP,27MM	1

Screwdrivers

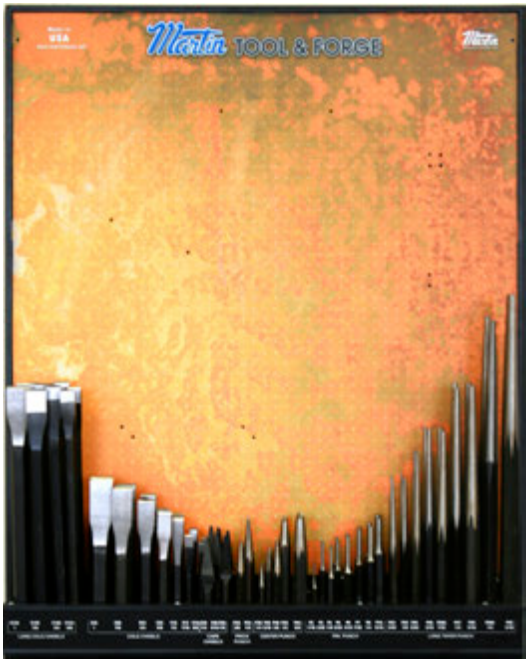
BD22		QTY.
GS50	Gasket Scraper 1/2"Blade	1
GS75	Gasket Scraper 3/4" Blade	1
GS100	Gasket Scraper 1" Blade	1
GS150	Gasket Scraper 1 1/2" Blade	1
SDE4	Screwdriver, Electrical, 4"	1
SDE6	Screwdriver, Electrical, 6"	1
SDE8	Screwdriver, Electrical, 8"	1
SDP1	Screwdriver, Phillip, 1-1/2"	1
SDP3	Screwdriver, Phillip, 3"	1
SDP4	Screwdriver, Phillip, 4"	1
SDP6	Screwdriver, Phillip, 6"	1
SDR4	Screwdriver,Mechanics, 4"	1
SDR6	Screwdriver,Heavy-Duty, 6"	1
SDR8	Screwdriver,Heavy-Duty, 8"	1
SDS1	Screwdriver,Stubby, 1-1/2"	1
SDS4	Screwdriver,Square Blade, 4"	1
SDS6	Screwdriver,Square Blade, 6"	1
SDS8	Screwdriver,Square Blade, 8"	1
SDS10	Screwdriver,Square Blade, 10"	1
SDS12	Screwdriver,Square Blade, 12"	1

Tool Display Boards

Chisel Boards

BD23		QTY.
C120	CHISEL,COLD,LNG,3/4	1
C124	CHISEL,COLD,LNG,5/8	1
C129	CHISEL,COLD,LNG,7/8	1
C132	CHISEL,COLD,LNG,1	1
C10	CHISEL,COLD,STD,5/16	1
C12	CHISEL,COLD,STD,3/8	1
C16	CHISEL,COLD,STD,1/2	1
C20	CHISEL,COLD,STD,5/8	1
C24	CHISEL,COLD,STD,3/4	1
C28	CHISEL,COLD,STD,7/8	1
C32	CHISEL,COLD,STD,1	1
C39	CHISEL,CAPE,STD,1/8	1
C40	CHISEL,CAPE,STD,3/16	1
C42	CHISEL,CAPE,STD,1/4	1
P32	PUNCH,PRICK,3/8	1
P33	PUNCH,PRICK,1/2	1
P38	PUNCH,CENTER,1/4	1
P39	PUNCH,CENTER,5/16	1
P40	PUNCH,CENTER,3/8	1
P42	PUNCH,CENTER,1/2	1
P43	PUNCH,CENTER,5/8	1

BD23		QTY.
P2	PUNCH,PIN,1/16	1
P3	PUNCH,PIN,3/32	1
P4	PUNCH,PIN,1/8	1
P5	PUNCH,PIN,5/32	1
P6	PUNCH,PIN,3/16	1
P7	PUNCH,PIN,7/32	1
P8	PUNCH,PIN,1/4	1
P10	PUNCH,PIN,5/16	1
P23	PUNCH,DRIFT,3/32	1
P24	PUNCH,DRIFT,1/8	1
P25	PUNCH,TAPER,5/32	1
P26	PUNCH,TAPER,3/16	1
P26A	PUNCH,DRIFT,7/32	1
P27	PUNCH,TAPER,1/4	1
P28	PUNCH,TAPER,5/16	1
P28A	PUNCH,DRIFT,1/4	1
P29	PUNCH,DRIFT,5/16	1
192	PRY BAR,BLK, ROLL 1/2X12	1
193	PRY BAR,BLK, ROLL 1/2X15	1
196	PRY BAR,BLK, STR 5/8X16	1
197	PRY BAR, BLK, STR 3/4X24	1



BD23 with Optional Fiberglass Hammers		QTY.
BD23	Same as above plus Hammers	See above
HPD2	HAMMER,DEAD,BLOW,1.5 LB	1
HPD3	HAMMER,DEAD,BLOW,2.2 LB	1
HPD4	HAMMER,DEAD,BLOW,2.9 LB	1
HSB15	HAMMER,SOLID,BRASS,1-1/2	1

HAMMER OPTION

Chisel Boards

BD23 with Pry Bar Option		QTY.
BD23	Same as BD23 plus Pry Bars	See BD23
192	PRY,BAR,BLK,ROLL,1/2X12	1
193	PRY,BAR,BLK,ROLL,1/2X15	1
196	PRY,BAR,BLK,STR,5/8X16	1
197	PRY,BAR,BLK,STR,3/4X24	1

BD24 Counter Top		QTY.
C120	CHISEL,COLD,LNG,3/4	1
C124	CHISEL,COLD,LNG,5/8	1
C129	CHISEL,COLD,LNG,7/8	1
C132	CHISEL,COLD,LNG,1	1
C10	CHISEL,COLD,STD,5/16	1
C12	CHISEL,COLD,STD,3/8	1
C16	CHISEL,COLD,STD,1/2	1
C20	CHISEL,COLD,STD,5/8	1
C24	CHISEL,COLD,STD,3/4	1
C28	CHISEL,COLD,STD,7/8	1
C32	CHISEL,COLD,STD,1	1
C39	CHISEL,CAPE,STD,1/8	1
C40	CHISEL,CAPE,STD,3/16	1
C42	CHISEL,CAPE,STD,1/4	1
P32	PUNCH,PRICK,3/8	1
P33	PUNCH,PRICK,1/2	1
P38	PUNCH,CENTER,1/4	1
P39	PUNCH,CENTER,5/16	1
P40	PUNCH,CENTER,3/8	1
P42	PUNCH,CENTER,1/2	1
P43	PUNCH,CENTER,5/8	1

BD24 Counter Top		QTY.
P2	PUNCH,PIN,1/16	1
P3	PUNCH,PIN,3/32	1
P4	PUNCH,PIN,1/8	1
P5	PUNCH,PIN,5/32	1
P6	PUNCH,PIN,3/16	1
P7	PUNCH,PIN,7/32	1
P8	PUNCH,PIN,1/4	1
P10	PUNCH,PIN,5/16	1
P23	PUNCH,DRIFT,3/32	1
P24	PUNCH,DRIFT,1/8	1
P25	PUNCH,TAPER,5/32	1
P26	PUNCH,TAPER,3/16	1
P26A	PUNCH,DRIFT,7/32	1
P27	PUNCH,TAPER,1/4	1
P28	PUNCH,TAPER,5/16	1
P28A	PUNCH,DRIFT,1/4	1
P29	PUNCH,DRIFT,5/16	1
192	PRY BAR,BLK, ROLL 1/2X12	1
193	PRY BAR,BLK, ROLL 1/2X15	1
196	PRY BAR,BLK, STR 5/8X16	1
197	PRY BAR,BLK, STR 3/4X24	1

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COUNTER ON DISPLAY

Miscellaneous
Display Board Parts

Header, Hook & Peg Boards

PART NO.		QTY.
BD-HEADER	Tool Board Header 23.5" x 3" Molded in Black, Raised Letter, w/2 Mounting Screws	1
1	Straight Hook	10
2	Heavy-Duty Straight Hook	5
3	Loop Hook	5
BD8	Universal Peg Board	1

Part Number Interchange

Combination Wrenches - Chrome

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
1/4	1158	OEX8B	J1208A	25-208	3108
5/16	1159	OEX10B	J1210A	25-210	3110
11/32	1159A	OEX11B	J1211A	25-211	3111
3/8	1160	OEX12B	J1212ASD	25-212	3112
7/16	1161	OEX14B	J1214ASD	25-214	3114
1/2	1162	OEX16B	J1216ASD	25-216	3116
9/16	1163	OEX18B	J1218ASD	25-218	3118
5/8	1164	OEX20B	J1220ASD	25-220	3120
11/16	1165	OEX22B	J1222ASD	25-222	3122
3/4	1166	OEX24B	J1224ASD	25-224	3124
13/16	1167A	OEX26B	J1226ASD	25-226	3126
7/8	1167	OEX28B	J1228ASD	25-228	3128
15/16	1168	OEX30B	J1230ASD	25-230	3130
1	1170	OEX32B	J1232ASD	25-232	3132
1-1/16	1171	OEX34B	J1234ASD	25-234	3134
1-1/8	1172	OEX36B	J1236ASD	25-236	3136
1-1/4	1173	OEX40B	J1240	25-240	3140
1-5/16	1174	OEX42B	J1242	25-242	3142
1-3/8	1175	OEX44B	J1244	25-244	3144
1-7/16	1176	OEX46B	J1246	25-246	3146
1-1/2	1177	OEX48B	J1248	25-248	3148
1-5/8	1180	OEX52B	J1252	25-252	3152
1-11/16	1182	OEX54B	J1254	25-254	3154
1-3/4	1184	OEX56B	J1256	25-256	3156
1-13/16	1186	OEX58B	J1258	25-258	3158
1-7/8	1188	OEX60B	J1260	25-260	3160
2	1190	OEX64B	J1264	25-264	3164
2-1/16	1191	—	J1266	25-266	3166
2-1/8	1192	—	J1268	25-268	3168
2-3/16	1193	—	J1270	25-270	3170
2-1/4	1194	—	J1272	25-272	3172
2-3/8	1195	—	J1276	25-276	3176
2-1/2	1196	—	J1280	25-280	3180

Combination Wrenches - Industrial Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
1/4	BLK1158	—	J1208BA	30-208	—
5/16	BLK1159	GOEX10A	J1210BA	30-210	3110B
11/32	BLK1159A	—	J1211BA	30-211	—
3/8	BLK1160	GOEX12A	J1212BASD	30-212	3112B
7/16	BLK1161	GOEX14A	J1214BASD	30-214	3114B
1/2	BLK1162	GOEX16A	J1216BASD	30-216	3116B
9/16	BLK1163	GOEX18A	J1218BASD	30-218	3118B
5/8	BLK1164	GOEX20A	J1220BASD	30-220	3120B
11/16	BLK1165	GOEX22A	J1222BASD	30-222	3122B
3/4	BLK1166	GOEX24A	J1224BASD	30-224	3124B
13/16	BLK1167A	GOEX26A	J1226BASD	30-226	3126B
7/8	BLK1167	GOEX28A	J1228BASD	30-228	3128B
15/16	BLK1168	GOEX30A	J1230BASD	30-230	3130B
1	BLK1170	GOEX32A	J1232BASD	30-232	3132B
1-1/16	BLK1171	GOEX34A	J1234BASD	30-234	3134B
1-1/8	BLK1172	GOEX36	J1236BASD	30-236	3136B
1-1/4	BLK1173	GOEX40	J1240BASD	30-240	3140B
1-5/16	BLK1174	GOEX42	J1242B	30-242	3142B
1-3/8	BLK1175	GOEX44	J1244B	30-244	3144B
1-7/16	BLK1176	GOEX46A	J1246B	30-246	3146B
1-1/2	BLK1177	GOEX48A	J1248B	30-248	3148B
1-5/8	BLK1180	GOEX52A	J1252B	30-252	3152B
1-11/16	BLK1182	GOEX54	J1254B	30-254	3154B
1-3/4	BLK1184	GOEX56	J1256B	30-256	3156B
1-13/16	BLK1186	GOEX58	J1258B	30-258	3158B
1-7/8	BLK1188	GOEX60	J1260B	30-260	3160B
2	BLK1190	GOEX64	J1264B	30-264	3164B
2-1/16	BLK1191	—	—	30-266	—
2-1/8	BLK1192	—	—	30-268	—
2-3/16	BLK1193	—	—	30-270	—
2-1/4	BLK1194	—	—	30-272	—
2-3/8	BLK1195	—	—	30-276	—
2-1/2	BLK1196	—	—	30-280	—

Combination Wrenches — Chrome — Metric

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
6MM	1106MM	—	J1206M-T500	—	MC6
7MM	1107MM	—	J1207M-T500	—	MC7
8MM	1108MM	OEXM80B	J1208M-T500	—	MC8
9MM	1109MM	OEXM90B	J1209M-T500	—	MC9
10MM	1110MM	OEXM100B	J1210M-T500	52-210	MC10
11MM	1111MM	OEXM110B	J1211M-T500	52-211	MC11
12MM	1112MM	OEXM120B	J1212M-T500	52-212	MC12
13MM	1113MM	OEXM130B	J1213M-T500	52-213	MC13
14MM	1114MM	OEXM140B	J1214M-T500	52-214	MC14
15MM	1115MM	OEXM150B	J1215M-T500	52-215	MC15
16MM	1116MM	OEXM160B	J1216M-T500	52-216	MC16
17MM	1117MM	OEXM170B	J1217M-T500	52-217	MC17
18MM	1118MM	OEXM180B	J1218M-T500	52-218	MC18
19MM	1119MM	OEXM190B	J1219M-T500	52-219	MC19
20MM	1120MM	OEXM200B	J1220M-T500	52-220	MC20
21MM	1121MM	OEXM210B	J1221M-T500	52-221	MC21
22MM	1122MM	OEXM220B	J1222M-T500	52-222	MC22
23MM	1123MM	OEXM230B	J1223M-T500	52-223	MC23
24MM	1124MM	OEXM240B	J1224M-T500	52-224	MC24
25MM	1125MM	OEXM250B	J1225M-T500	52-225	MC25
26MM	1126MM	OEXM260B	J1226M-T500	52-226	MC26
27MM	1127MM	OEXM270B	J1227M-T500	52-227	MC27
28MM	1128MM	—	J1228M-T500	—	MC28
29MM	1129MM	OEXM290B	J1229M-T500	—	MC29
30MM	1130MM	OEXM300B	J1230M-T500	52-230	MC30
32MM	1132MM	OEXM320B	J1232M-T500	52-232	MC32
34MM	1134MM	OEXM34B	—	—	—
36MM	1136MM	OEXM36B	J1236M	52-236	MC36
41MM	1141MM	—	J1241M	52-241	MC41
46MM	1146MM	—	J1246M	52-246	MC46
50MM	1150MM	—	J1250M	—	MC50
55MM	1155MM	—	—	—	MC55
60MM	1160MM	—	—	—	MC60

Combination Wrenches — Industrial Black — Metric

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
6MM	BLK1106MM	—	—	56-206	—
7MM	BLK1107MM	—	—	56-207	—
8MM	BLK1108MM	—	—	56-208	—
9MM	BLK1109MM	—	—	56-209	—
10MM	BLK1110MM	GOEXM100B	—	56-210	MC10B
11MM	BLK1111MM	GOEXM110B	—	56-211	MC11B
12MM	BLK1112MM	GOEXM120B	—	56-212	MC12B
13MM	BLK1113MM	GOEXM130B	—	56-213	MC13B
14MM	BLK1114MM	GOEXM140B	—	56-214	MC14B
15MM	BLK1115MM	GOEXM150B	—	56-215	MC15B
16MM	BLK1116MM	GOEXM160B	—	56-216	MC16B
17MM	BLK1117MM	GOEXM170B	—	56-217	MC17B
18MM	BLK1118MM	GOEXM180B	—	56-218	MC18B
19MM	BLK1119MM	GOEXM190B	—	56-219	MC19B
20MM	BLK1120MM	GOEXM200B	—	56-220	MC20B
21MM	BLK1121MM	GOEXM210B	—	56-221	MC21B
22MM	BLK1122MM	GOEXM220B	—	56-222	MC22B
23MM	BLK1123MM	GOEXM230B	—	56-223	MC23B
24MM	BLK1124MM	GOEXM240B	—	56-224	MC24B
25MM	BLK1125MM	—	—	—	MC25B
26MM	BLK1126MM	—	—	—	—
27MM	BLK1127MM	—	—	—	—
28MM	BLK1128MM	—	—	—	—
29MM	BLK1129MM	—	—	—	—
30MM	BLK1130MM	—	—	—	—
32MM	BLK1132MM	—	—	—	—
34MM	BLK1134MM	—	—	—	—
36MM	BLK1136MM	—	—	—	—
41MM	BLK1141MM	—	—	—	—
46MM	BLK1146MM	—	—	—	—
50MM	BLK1150MM	—	—	—	—
55MM	BLK1155MM	—	—	—	—
60MM	BLK1160MM	—	—	—	—

Double Head Open End Wrenches - Chrome

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
1/4 x 5/16	1020	V0810	J3018	26-007	E810
5/16 x 11/32	1720	—	—	26-031	—
5/16 x 3/8	1721	V01012	J3020	26-034	E1012
5/16 x 13/32	1021	—	—	—	—
3/8 x 7/16	1723	V01214	J3021	26-043	E1214
3/8 x 1/2	1723A	—	—	—	26-046
7/16 x 1/2	1725	V01416	J3025	26-058	E1416
7/16 x 9/16	1725A	—	—	26-064	E1418
1/2 x 9/16	1725B	V01618	J3026	26-067	E1618
1/2 x 5/8	1726	—	—	—	—
9/16 x 5/8	1727	V01820	J3030	26-079	E1820
9/16 x 11/16	1027C	—	—	—	—
19/32 x 11/16	1027	V01922	J3033	—	E1922
5/8 x 11/16	1027B	V02022	J3034	26-094	E2022
9/16 x 3/4	1728	—	—	—	—
5/8 x 3/4	1729	V02024	J3031	26-097	E2024
11/16 x 3/4	1029B	V02224	J3035	26-106	E2224
11/16 x 25/32	1029	—	—	3037	—
11/16 x 13/16	1029C	—	—	—	—
11/16 x 7/8	1030	—	—	—	—
3/4 x 13/16	1731	V02426	—	26-121	E2426
3/4 x 7/8	1731A	V02428	J3039	26-124	E2428
13/16 x 7/8	1731B	V02628	J3040	26-133	E2628
7/8 x 15/16	1033A	V02830	—	26-139	E2830
7/8 x 1	1733	—	—	—	E2832
15/16 x 1	1033C	V03032	J3045	26-151	E3032
7/8 x 1-1/16	1034	—	J3041	26-145	E2834
15/16 x 1-1/16	1034A	—	—	—	—
1 x 1-1/8	1735	—	—	26-163	E3236
1-1/16 x 1-1/8	1036B	—	J3050	26-166	E3436
1-1/16 x 1-1/4	1037	V03440	J3051	26-169	E3440
1-1/8 x 1-1/4	1737	—	—	26-172	E3640
1-1/8 x 1-5/16	1037A	—	—	—	E3642
1-1/4 x 1-5/16	1039B	V04042	J3055	26-178	E4042
1-1/4 x 1-7/16	1039	—	—	—	—
1-5/16 x 1-1/2	1039A	—	—	26-187	—
1-3/8 x 1-7/16	1039C	V04446	J3060	26-190	—
1-1/4 x 1-5/8	1040	—	—	—	—
1-7/16 x 1-5/8	1041	—	—	26-199	—
1-1/2 x 1-5/8	1041B	V04852	J3070	26-202	—

Double Head Open End Wrenches - Industrial Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
1/4 x 5/16	BLK-1020	GV0810	—	—	—
5/16 x 11/32	BLK1720	—	—	—	—
5/16 x 3/8	BLK1721	GV01012	J3020B	30-734	E1012B
5/16 x 13/32	BLK1021	—	—	—	—
3/8 x 7/16	BLK1723	GV01214	J3021B	30-743	E1214B
3/8 x 1/2	BLK1723A	—	—	—	—
7/16 x 1/2	BLK1725	GV01416	J3025B	30-758	E1416B
7/16 x 9/16	BLK1725A	—	—	—	—
1/2 x 9/16	BLK1725B	GV01618	J3026B	30-767	E1618B
1/2 x 5/8	BLK1726	—	—	—	—
9/16 x 5/8	BLK1727	GV01820	J3030B	30-779	E1820B
9/16 x 11/16	BLK1027C	—	—	—	—
19/32 x 11/16	BLK1027	—	—	—	—
5/8 x 11/16	BLK1027B	GV02022	J3034B	30-794	E2022B
9/16 x 3/4	BLK1728	—	—	—	—
5/8 x 3/4	BLK1729	GV02024	J3031B	30-797	E2024B
11/16 x 3/4	BLK1029B	GV02224	J3035B	30-806	E2224B
11/16 x 25/32	BLK1029	—	—	—	—
11/16 x 13/16	BLK1029C	—	—	—	—
11/16 x 7/8	BLK-1030	—	—	—	—
3/4 x 13/16	BLK1731	GV02426	—	—	—
3/4 x 7/8	BLK1731A	GV02428	J3039B	30-824	E2428B
13/16 x 7/8	BLK1731B	GV02628	J3040B	—	E2628B
7/8 x 15/16	BLK1033A	GV02830	—	—	—
7/8 x 1	BLK1733	—	—	—	—
15/16 x 1	BLK1033C	GV03032	J3045B	30-851	E3032B
7/8 x 1-1/16	BLK1034	—	—	—	—
15/16 x 1-1/16	BLK1034A	—	—	—	—
1 x 1-1/8	BLK1735	—	—	—	—
1-1/16 x 1-1/8	BLK1036B	—	J3050B	—	E3436B
1-1/16 x 1-1/4	BLK1037	GV03440	J3051B	30-869	E3440B

Double Head Open End Wrenches - Industrial Black (Continuation)

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
1-1/8X 1-1/4	BLK1737	—	—	30-872	—
1-1/8 x 1-5/16	BLK1037A	—	—	—	—
1-1/4 x 1-5/16	BLK1039B	GV04042	J3055B	—	E4042B
1-1/4 x 1-7/16	BLK1039	—	—	—	E4046B
1-5/16 x 1-1/2	BLK1039A	—	—	—	—
1-3/8 x 1-7/16	BLK1039C	GV04446	J3060B	—	—
1-1/4 x 1-5/8	BLK1040	—	—	—	—
1-7/16 x 1-5/8	BLK1041	—	—	30-896	—
1-1/2 x 1-5/8	BLK1041B	GV04852	J3070B	30-902	—
1-11/16 x 1-7/8	BLK44A	—	—	—	—
1-13/16 x 2	BLK45	—	—	—	—
2-3/16 x 2-3/8	BLK49	—	—	—	—
2-1/4 x 2-7/16	BLK49A	—	—	—	—

Double Offset Box Wrenches — Short Pattern — 45° — Chrome

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
5/16 x 3/8	9721	XS1012A	J1120	—	—
3/8 x 7/16	9723	XS1214A	J1122	27-143	476
7/16 x 1/2	9725	XS1416A	J1125	27-158	—
1/2 x 9/16	9725B	XS1618A	J1126	27-167	277
9/16 x 5/8	9727	XS1820A	—	27-179	—
5/8 x 11/16	9727A	—	—	27-194	278
5/8 x 3/4	9729	XS2024A	J1131	—	—

Double Offset Box Wrenches — Short Pattern — 45° — Industrial Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
5/16 x 3/8	BLK9721	GXS01012	—	—	—
3/8 x 7/16	BLK9723	GXS01214	—	—	—
7/16 x 1/2	BLK9725	GXS01416	—	—	—
1/2 x 9/16	BLK9725B	GXS01618	—	—	—
9/16 x 5/8	BLK9727	GXS01820	—	—	—
5/8 x 11/16	BLK9727A	—	—	—	—
5/8 x 3/4	BLK9729	GXS02024	—	—	—

Double Offset Box Wrenches — Long Pattern — 45° — Chrome

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
3/8 x 7/16	8723	XB1214A	J8180	27-343	2840
7/16 x 1/2	8725	XB1416A	—	27-358	—
1/2 x 9/16	8725B	XB1618A	J8181	27-367	2843
9/16 x 5/8	8727	XB1820A	—	27-379	—
5/8 x 11/16	8727A	XB2022A	J8182	27-394	2846
5/8 x 3/4	8729	XB2024A	—	27-397	—
11/16 x 3/4	8029B	XB2224A	—	27-406	—
3/4 x 7/8	8731A	XB2428A	J8184	27-424	—
13/16 x 7/8	8731B	XB2628A	—	—	2852
7/8 x 15/16	8033A	XB2830A	—	27-439	—
15/16 x 1	8033C	XB3032A	J8185	27-451	2855
1 x 1-1/8	8735	—	—	—	—
1-1/16 x 1-1/8	8735A	—	—	27-466	2858
1-1/16 x 1-1/4	8037	XB3440A	—	27-469	—
1-1/8 x 1-5/16	8037A	—	—	27-475	—
1-1/4 x 1-5/16	8039B	XB4042A	—	—	—
1-1/4 x 1-7/16	8039	—	—	27-481	2864
1-5/16 x 1-1/2	8040A	—	—	—	—
1-3/8 x 1-7/16	8040C	XB4446A	—	—	—
1-3/8 x 1-1/2	8040	—	—	—	—
1-7/16 x 1-1/2	8040B		—	—	—

Double Offset Box Wrenches — Long Pattern — 45° — Industrial Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
3/8 x 7/16	BLK8723	GXB1214	—	32-243	2840B
7/16 x 1/2	BLK8725	GXB1416	—	32-258	—
1/2 x 9/16	BLK8725B	GXB1618	—	32-267	2843B
9/16 x 5/8	BLK8727	GXB1820	—	32-279	—
5/8 x 11/16	BLK8727A	GXB2022	—	—	2846B
5/8 x 3/4	BLK8729	GXB2024	—	32-297	—
11/16 x 3/4	BLK8029B	GXB2224	—	32-306	—
3/4 x 7/8	BLK8731A	—	—	32-324	—
13/16 x 7/8	BLK8731B	GXB2628	—	32-333	2852B
7/8 x 15/16	BLK8033A	GXB2830	—	—	—
15/16 x 1	BLK8033C	GXB3032	—	32-351	2855B
1 x 1-1/8	BLK8735	—	—	—	—
1-1/16 x 1-1/8	BLK8735A	—	—	32-366	2858B
1-1/16 x 1-1/4	BLK8037	GXB3440	—	32-369	—
1-1/8 x 1-5/16	BLK8037A	—	—	—	—
1-1/4 x 1-5/16	BLK8039B	GXB4042	—	—	—
1-1/4 x 1-7/16	BLK8039	—	—	—	2864B
1-5/16 x 1-1/2	BLK8040A	—	—	—	—
1-3/8 x 1-7/16	BLK8040C	GXB4446	—	—	—
1-3/8 x 1-1/2	BLK8040	—	—	—	—
1-7/16 x 1-1/2	BLK8040B	—	—	—	—

Hydraulic Wrenches — Angle Openings — 15°-60° — Chrome

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
11/32 x 11/32	3710A	VS11B	J3322	—	—
3/8 x 3/8	3710	VS12B	J3324	27-812	—
7/16 x 7/16	3711	VS14B	J3328	27-814	—
1/2 x 1/2	3712	VS16B	J3332	27-816	—
9/16 x 9/16	3713	VS18B	J3336	27-818	—
5/8 x 5/8	3714	VS20B	J3340	27-820	—
11/16 x 11/16	3715	VS22B	—	27-822	—
3/4 x 3/4	3716	VS24B	—	27-824	—
13/16 x 13/16	3717	VS26B	—	27-826	—
7/8 x 7/8	3718	VS28B	—	27-828	—
15/16 x 15/16	3719	VS30B	—	27-830	—
1 x 1	3720	VS32B	—	27-832	—
1-1/16 x 1-1/16	3721	VS34B	—	27-834	—
1-1/8 x 1-1/8	3722	VS36B	—	27-836	—
1-3/16 x 1-3/16	3722A	VS38B	—	—	—
1-1/4 x 1-1/4	3723	VS40B	—	27-840	—
1-3/8 x 1-3/8	3724	VS42B	—	27-844	—
1-7/16 x 1-7/16	3725	VS46B	—	27-846	—
1-1/2 x 1-1/2	3726	VS48B	—	27-848	—

Hydraulic Wrenches — Angle Openings — 15°-60° — Industrial Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
11/32 x 11/32	BLK3710A	—	—	—	—
3/8 x 3/8	BLK3710		—	—	—
7/16 x 7/16	BLK3711		—	—	—
1/2 x 1/2	BLK3712	GVS16B	—	—	—
9/16 x 9/16	BLK3713	GVS18B	—	—	—
5/8 x 5/8	BLK3714	GVS20B	—	—	—
11/16 x 11/16	BLK3715	GVS22B	—	—	—
3/4 x 3/4	BLK3716	GVS24B	—	—	—
13/16 x 13/16	BLK3717	GVS26B	—	—	—
7/8 x 7/8	BLK3718	GVS28B	—	—	—
15/16 x 15/16	BLK3719	GVS30B	—	—	—
1 x 1	BLK3720	GVS32B	—	—	—
1-1/16 x 1-1/16	BLK3721		—	—	—
1-1/8 x 1-1/8	BLK3722		—	—	—
1-3/16 x 1-3/16	BLK3722A	—	—	—	—
1-1/4 x 1-1/4	BLK3723	GVS40B	—	—	—
1-3/8 x 1-3/8	BLK3724	—	—	—	—
1-7/16 x 1-7/16	BLK3725	—	—	—	—
1-1/2 x 1-1/2	BLK3726	—	—	—	—

Service Wrenches 30° — Chrome

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
3/4	1224	—	J3524	28-024	—
13/16	1226	—	J3526	—	—
7/8	1228	—	J3528	28-028	—
15/16	1230	—	J3530	28-030	—
1	1232	—	J3532	28-032	—
1-1/16	1234	—	J3534	28-034	—
1-1/8	1236	—	J3536	28-036	—
1-3/16	1238	—	J3538	28-038	—
1-1/4	1240	—	J3540	28-040	—
1-5/16	1236S	—	—	—	—
1-5/16	1242	—	J3542	28-042	—
1-3/8	1244	—	J3544	28-044	—
1-7/16	1246	—	J3546	28-046	—
1-1/2	1248	—	J3548	28-048	—
1-9/16	1250	—	J3550	28-050	—
1-5/8	1252	—	J3552	28-052	—
1-11/16	1254	—	J3554	—	—
1-3/4	1256	—	J3556	28-056	—
1-13/16	1258	—	J3558	—	—
1-7/8	1260	—	J3560	28-060	—
1-15/16	1262	—	J3562	—	—
2	1264	—	J3564	28-064	—
21/8	1268	—	J3568	28-068	—
21/4	1272	—	J3572	28-072	—
23/8	1276	—	J3576	28-076	—
2-1/2	1272S	—	J3580	28-080	—
2-9/16	1264S	—	J3582	—	—

Service Wrenches 30° — Industrial Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
3/4	BLK-1224	—	—	—	—
13/16	BLK1226	—	—	—	—
7/8	BLK1228	—	—	—	—
15/16	BLK-1230	—	—	—	—
1	BLK1232	—	—	—	—
1-1/16	BLK1234	—	—	—	—
1-1/8	BLK1236	—	—	—	—
1-3/16	BLK1238	—	—	—	—
1-1/4	BLK1240	—	—	—	—
1-5/16	BLK1236S	—	—	—	—
1-5/16	BLK1242	—	—	—	—
1-3/8	BLK1244	—	—	—	—
1-7/16	BLK1246	—	—	—	—
1-1/2	BLK1248	—	—	—	—
1-9/16	BLK1250	—	—	—	—
1-5/8	BLK1252	—	—	—	—
1-11/16	BLK1254	—	—	—	—
1-3/4	BLK1256	—	—	—	—
1-13/16	BLK1258	—	—	—	—
1-7/8	BLK1260	—	—	—	—
1-15/16	BLK1262	—	—	—	—
2	BLK1264	—	—	—	—
2-1/8	BLK1268	—	—	—	—
2-1/4	BLK1272	—	—	—	—
2-3/8	BLK1276	—	—	—	—
2-1/2	BLK1272S	—	—	—	—
2-9/16	BLK1264S	—	—	—	—

Straight Service Wrenches — Chrome

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
1	1932	—	—	—	—
1-1/8	1936	—	—	—	—
1-1/2	1948	—	—	—	—
1-5/8	1952	—	—	—	—
1-3/4	1956	—	—	—	—
2	1964	—	—	—	—
2-1/4	1972	—	—	—	—

Check Nut Wrenches 15° — Industrial Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
1/2	601	—	JKE16	31-316	—
7/16	601A	—	JKE14	31-314	—
19/32	602	—	JKE19	—	—
9/16	602A	—	JKE18	31-318	—
11/16	603	—	JKE22	31-332	—
5/8	603A	—	JKE20	31-320	—
3/4	604A	—	JKE24	31-324	—
7/8	605	—	JKE28	31-328	—
13/16	605A	—	JKE26	31-326	—
15/16	606A	—	JKE30	31-330	—
1	606B	—	JKE32	31-332	—
1-1/16	607	—	JKE34	31-334	—
1-1/8	607A	—	JKE36	31-336	—
1-1/4	608	—	JKE40	31-340	—
1-5/16	608A	—	JKE42	—	—
1-1/2	609	—	JKE48	31-348	—

Part Number Interchange

Check Nut Wrenches 15° — Industrial Black (Continuation)

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
1-5/8	610	—	JKE52	31-352	—
1-11/16	610A	—	JKE54	—	—

Ratcheting Box Wrenches — Straight Pattern — Chrome

Wrench Opening	Points	Part Number			
		Martin	Snap-On	Proto	Armstrong
1/4 × 5/16	6 pt	RB810	R810SA	J1191-A	27-587
1/4 × 5/16	12 pt	RB810DH	R810B	1191T	27-588
3/8 × 7/16	6 pt	RB1214	R1214SA	J1192-A	27-590
3/8 × 7/16	12 pt	RB1214DH	R1214B	J1192LO	27-591
1/2 × 9/16	6 pt	RB1618	R1618SA	J1193-A	27-593
1/2 × 9/16	12 pt	RB1618DH	R1618A	J1193LO	27-594
5/8 × 11/16	12 pt	RB2022	R2022A	J1194LO	27-596
5/8 × 3/4	12 pt	RB2024	R2024A	—	27-599
11/16 × 13/16	12 pt	RB2226	—	—	—
3/4 × 7/8	12 pt	RB2428	R2428A	J1195LO	27-602

Ratcheting Box Wrenches and Sets 25° Offset Pattern — Chrome

Wrench Opening	Points	Part Number			
		Martin	Snap-On	Proto	Armstrong
1/4 × 5/16	6 pt	RB0810	—	J1181-A	27-613
3/8 × 7/16	6 pt	RB01214	—	J1182-A	27-616
1/2 × 9/16	6 pt	RB01618	—	J1183-A	27-619
5/8 × 11/16	12 pt	RB02022	RYA2022A	J1184-A	27-622
5/8 × 3/4	12 pt	RB02024	—	J1186	27-624
11/16 × 13/16	12 pt	RB02226	—		—
3/4 × 7/8	12 pt	RB02428	RYA2428	J1185-A	27-626

Flare Nut Wrench 12 Pt. — Chrome

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
3/8	4112	—	—	—	—
7/16	4114	—	—	—	—
1/2	4116	—	—	—	—
9/16	4118	—	—	—	—
5/8	4120	—	—	—	—
11/16	4122	—	—	—	—
3/4	4124	—	—	—	—
13/16	4126	—	—	—	—
7/8	4128	—	—	—	—
15/16	4130	—	—	—	—
1	4132	—	—	—	—
1-1/16	4134	—	—	—	—
1-1/8	4136	—	—	—	—
1-1/4	4140	—	—	—	—
1-3/8	4144	—	—	—	—
1-1/2	4148	—	—	—	—

Flare Nut Wrench 12 Pt. — Industrial Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
3/8	BLK4112	—	—	—	—
7/16	BLK4114	—	—	—	—
1/2	BLK4116	—	—	—	—
9/16	BLK4118	RX18	—	—	—
5/8	BLK4120	RX20	—	—	—
11/16	BLK4122	RX22	—	—	—
3/4	BLK4124	RX24	—	—	—
13/16	BLK4126	RX26	—	—	—
7/8	BLK4128	RX28	—	—	—
15/16	BLK4130	RX30	—	—	—
1	BLK4132	RX32	—	—	—
1-1/16	BLK4134	RX34	—	—	—
1-1/8	BLK4136	RX36	—	—	—
1-1/4	BLK4140	RX40	—	—	—
1-3/8	BLK4144	RX44	—	—	—
1-1/2	BLK4148	RX48	—	—	—

Adjustable Wrenches 22-1/2° Angle — Cobalt

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
6	A6	AD6B	J706	28-506	65306
8	A8	AD8B	J708	28-508	65308
10	A10	AD10B	J710	28-510	65310
12	A12	AD12B	J712	28-512	65312
15	A15	D715B	J715	28-515	65315
18	A18	D718B	J718	28-518	65318
24	A24	D724B	J724	28-524	65324

Adjustable Wrenches — Industrial Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
6	A6T	GAJ6A	J706S	34-506	65306B
8	A8T	GAJ8A	J708S	34-508	65308B
10	A10T	GAJ10A	J710S	34-510	35310B
12	A12T	GAJ12A	J712S	34-512	65312B
15	A15T	GAJ15A	J715S	34-515	65315B
18	A18T	GAJ18A	J718S	34-518	65318B
24	A24T	GAJ24A	J724S	—	65324B

Set Screw Wrench — Industrial Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
1/4 × 5/16	525	—	—	35-457	—
5/16 × 3/8	527	—	—	35-463	—
3/8 × 7/16	529	—	—	35-466	—
1/2 × 5/8	534	—	—	35-478	—

Single Head Open End Wrenches — Industrial Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
1/2	1	—	—	31-016	1SE
9/16	702	—	—	31-018	702SE
5/8	703	—	—	—	703SE
11/16	3	—	—	31-022	3SE
3/4	704	—	—	31-024	704SE
13/16	705	—	—	—	705SE
7/8	5	OE128C	—	31-028	5SE
15/16	6A	OE130C	—	31-030	6SE
1	706	OE132C	—	31-032	706SE
1-1/16	7	OE134C	—	31-034	7SE
1-1/8	707	OE136C	—	31-036	707SE

Single Head Open End Wrenches — Industrial Black (Continuation)

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
1-1/4	8	OE140C	—	31-040	8SE
1-5/16	8A	OE142C	—	—	—
1-3/8	708A	OE144C	—	31-044	708ASE
1-7/16	9	OE146C	—	31-046	9SE
1-1/2	709	OE148C	—	31-048	709SE
1-5/8	10	—	—	31-052	10SE
1-11/16	10A	—	—	—	—
1-13/16	11	—	—	31-058	11SE
1-7/8	11A	—	—	—	11ASE
2	12	—	—	31-064	12SE
2-1/16	12A	—	—	—	—
2-3/16	13	—	—	31-070	—
2-1/4	13A	—	—	31-072	13ASE
2-3/8	14	—	—	31-076	14SE
2-7/16	14A	—	—	31-078	—
2-9/16	15	—	—	31-082	15SE
2-5/8	15A	—	—	31-084	—
2	16	—	—	31-088	16SE
2-13/16	16B	—	—	—	—
2-15/16	16A	—	—	31-094	—
3	17A	—	—	31-096	17ASE
3-1/8	17	—	—	31-100	17SE
3-3/8	18A	—	—	31-108	—
3-1/2	18	—	—	31-112	—
3-3/4	19B	—	—	31-120	—
3-7/8	19	—	—	31-124	—
4-1/8	19C	—	—	—	—
4-1/4	19A	—	—	—	—
4-1/2	20B	—	—	—	—
4-5/8	20	—	—	—	—
5	20A	—	—	—	—

Adjustable Face Spanner — Industrial Black

Extreme Capacity	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
2	482	AFS482B	JC482	34-151	AFS2
3	483	AFS483B	JC483	34-154	AFS3
4	484	AFS484B	JC484	34-157	AFS4

Pin Spanner — Industrial Black

For Circle Diameter	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
1	452	—	—	34-201	—
1-1/4	453	—	—	34-204	—
1-1/2	454	—	—	34-207	—
1-3/4	455	—	—	34-210	—
2	456	—	—	34-213	—
2-1/4	457	—	—	34-216	—
2-1/2	458	—	—	34-219	—
2-3/4	459	—	—	34-222	—
3	460	—	—	34-225	—
3-1/4	461	—	—	34-228	—
3-1/2	462	—	—	34-231	—
3-3/4	463	—	—	34-234	—
4	464	—	—	34-237	—
5	466	—	—	34-240	—
6	468	—	—	34-243	—

Face Spanner — Industrial Black

Center Distance of Pins	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
1	418	—	—	34-101	—
1-1/4	420	—	—	34-104	—
1-1/2	422	—	—	34-107	—
1-3/4	424	—	—	34-110	—
2	426	—	—	34-113	—
2-1/4	428	—	—	34-116	—
2-1/2	430	—	—	34-119	—
2-3/4	432	—	—	34-121	—
3	434	—	—	34-124	—
3-1/4	436	—	—	34-127	—
3-1/2	438	—	—	34-130	—
3-3/4	440	—	—	34-133	—
4	442	—	—	34-136	—

Adjustable Hook Spanner — Industrial Black

Capacity Range	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
3/4 to 2	471	AHS300B	JC471	34-301	AHS2
1-1/4 to 3	472	AHS301B	JC472	34-304	AHS3
2 to 4-3/4	474	AHS304B	JC474	34-307	AHS4
4-1/2 to 6-1/4	474A	AHS307B	JC474A	34-310	AHS6
6-1/8 to 8-3/4	474B	—	—	34-313	AHS8

Adjustable Pin Spanner — Industrial Black

Capacity Range	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
3/4 to 2	471	APS351B	—	34-351	APS2
3/4 to 2	0471A	—	—	34-354	APS21
1-1/4 to 3	472	—	—	34-357	APS3
1-1/4 to 3	0472A	—	—	34-360	APS31
2 to 4-3/4	474	APS363B	—	34-363	—
4-1/2 to 6-1/4	0474A	APS366B	—	34-366	APS6

Construction Wrench 15° Angle — Industrial Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
5/8	203A	—	C203A	32-820	—
11/16	203	—	C203	32-822	—
3/4	204A	—	C204A	32-824	—
7/8	205	—	C205	32-828	—
15/16	206	—	C206C	32-830	—
1	206B	—	C206B	32-832	—
1-1/16	207	—	C207	32-834	—
1-1/8	207A	—	C207A	32-836	—
1-1/4	208	—	C208	32-840	—
1-5/16	208A	—	—	32-842	—
1-7/16	209	—	C209	32-846	—
1-1/2	209A	—	C209A	32-848	—
1-5/8	210	—	C210	32-852	—
1-11/16	210A	—	C210A	—	—
1-13/16	211	—	C211	32-858	—

Construction Wrench 15° Angle — Industrial Black (Continuation)

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
1-7/8	211A	—	C211A	32-860	—
2	212	—	C212	32-864	—

Structural Wrench Offset — Industrial Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
5/8	903A	—	JC903A	32-520	903A
11/16	903	—	JC903	—	903
3/4	904A	—	JC904A	32-524	904A
13/16	905A	—	JC905A	—	—
7/8	905	—	JC905	32-528	905
15/16	906C	—	JC905B	32-530	906
1	906B	—	JC906B	32-532	906B
1-1/16	907	—	JC907	32-534	907
1-1/8	907A	—	JC907A	32-536	907A
1-1/4	908	—	JC908	32-540	908
1-5/16	908A	—	JC908A	32-542	908A
1-7/16	909	—	JC909	32-546	909
1-1/2	909A	—	JC909A	32-548	909A
1-5/8	910	—	JC910	32-552	910
1-11/16	910A	—	JC910A	32-554	—
1-13/16	911	—	JC911	32-558	911
1-7/8	911A	—	JC911A	32-560	911A
2	912	—	JC912	32-564	912

Structural Box Wrenches — Industrial Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
13/16	8905A	—	J2613	—	—
7/8	8905	—	J2614	32-728	—
15/16	8906	—	J2615	32-730	—
1	8906B	—	J2616	32-732	—
1-1/16	8907	—	J2617	32-734	—
1-1/8	8907A	—	J2618	32-736	—
1-1/4	8908	—	J2620	32-740	—
1-5/16	8908A	—	J2621	32-742	—
1-7/16	8909	—	J2623	32-746	—
1-1/2	8909A	—	J2624	32-748	—
1-5/8	8910	—	J2626	32-752	—
1-11/16	8910A	—	J2627	32-754	—
1-13/16	8911	—	J2629	32-758	—
1-7/8	8911A	—	J2630	32-760	—
2	8912	—	J2632	32-764	—
2-3/16	8913	—	J2635	32-770	—
2-3/8	8914	—	J2638	32-776	—
2-9/16	8915	—	J2641	32-782	—
2-3/4	8916	—	J2644	32-788	—

Striking Face Box Wrenches — Offset Pattern — Industrial Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
1-1/16	8807	HX340A	J2617SW	33-034	66834
1-1/8	8807A	HX360A	J2618SW	33-036	66836
1-1/4	8808	HX400B	J2620SW	33-040	66840
1-5/16	8808A	HX420A	J2621SW	33-042	66842
1-3/8	8809B	HX440A	—	—	66844
1-7/16	8809	HX460A	J2623SW	33-046	66846
1-1/2	8809A	HX480A	J2624SW	33-048	66848
1-5/8	8810	HX520A	J2626SW	33-052	66852
1-11/16	8810A	HX540A	J2627SW	33-054	66854
1-3/4	8811B	HX560A	J2628SW	33-056	66856
1-13/16	8811	HX580A	J2629SW	33-058	66858
1-7/8	8811A	HX600A	J2630SW	33-060	66860
1-15/16	8812A	—	—	33-062	66862
2	8812	HX640A	J2632SW	33-064	66864
2-1/8	8813B	—	J2634SW	33-068	66868
2-3/16	8813	HX700A	J2635SW	33-070	66870
2-1/4	8813A	HX720A	J2636SW	33-072	66872
2-5/16	8814A	—	J2637SW	33-074	66874
2-3/8	8814	HX760A	J2638SW	33-076	66876
2-1/2	8815B	—	J2640SW	33-080	66880
2-9/16	8815	HX820A	J2641SW	33-082	66882
2-5/8	8815A	HX840A	J2642SW	33-084	66884
2-3/4	8816	HX880A	J2644SW	33-088	66888
2-15/16	8816B	HX940A	J2647SW	33-094	66894
3	8817	—	J2648SW	33-096	66896
3-1/8	8817A	HX1000A	J2650SW	33-100	66899

Striking Face Box Wrenches — Offset Pattern — Ind. Black — Metric

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
32MM	8832MM	—	J2632SWM	59-032	66932
36MM	8836MM	—	J2636SWM	59-036	66936
41MM	8841MM	—	J2641SWM	59-041	66941
46MM	8846MM	—	J2646SWM	59-046	66946
50MM	8850MM	—	J2650SWM	59-050	66950
55MM	8855MM	—	J2655SWM	59-055	66955
60MM	8860MM	—	J2660SWM	59-060	66960
65MM	8865MM	—	J2665SWM	59-065	66965
70MM	8870MM	—	J2670SWM	59-070	66970
75MM	8875MM	—	J2675SWM	59-075	66975
80MM	8880MM	—	J2680SWM	59-080	66980

Striking Face 6 Pt. Box Wrenches — Straight Pattern — Ind. Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
1-1/16	RN7063	—	J2717SW	33-354	—
1-1/4	RN7075	—	J2720SW	33-540	—
1-7/16	RN7088	—	J2723SW	33-546	—
1-5/8	RN7100	—	J2726SW	33-552	—
1-13/16	RN7113	—	J2729SW	33-558	—
2	RN7125	—	J2732SW	33-564	—
2-3/16	RN7138	—	J2735SW	33-570	—
2-3/8	RN7150	—	J2738SW	33-576	—
2-9/16	RN7163	—	J2741SW	33-582	—
2-3/4	RN7175	—	J2744SW	33-588	—
2-15/16	RN7188	—	J2747SW	33-594	—
3-1/8	RN7200	—	J2750SW	33-600	—
3-1/2	RN7225	—	J2756SW	33-612	—
3-7/8	RN7250	—	J2762SW	33-624	—

Striking Face Box Wrenches — Straight — Pattern 12 Pt. — Ind. Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
1-1/16	1807	—	JSN17	—	—
1-3/16	1808B	—	JSN19	—	—
1-1/4	1808	DX140A	JSN20	33-340	—
1-5/16	1808A	DX142A	JUSN321	33-342	—
1-3/8	1809B	DX144A	JUSN322	33-344	—
1-7/16	1809	DX146A	JUSN323	33-346	—
1-1/2	1809A	DX148A	JUSN324	33-348	—
1-5/8	1810	DX152A	JUSN326	33-352	—
1-11/16	1810A	DX154A	JUSN327	33-354	—
1-3/4	1811B	DX156A	JUSN328	33-356	—
1-13/16	1811	DX158A	JUSN329	33-358	—
1-7/8	1811A	DX160A	JUSN330	33-360	—
2	1812	DX164A	JUSN332	33-364	—
2-1/16	1812B	DX166A	JUSN333	33-366	—
2-1/8	1813B	—	JUSN334	33-368	—
2-3/16	1813	DX170A	JUSN335	33-370	—

Striking Face Box Wrenches — Straight Pattern — 12 Pt. — Ind. Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
2-1/4	1813A	DX172A	JUSN336	33-372	—
2-3/8	1814	DX176A	JUSN338	33-376	—
2-9/16	1815	DX182A	JUSN341	33-382	—
2-5/8	1815A	DX184A	JUSN342	33-384	—
2-3/4	1816	DX188A	JUSN344	33-388	—
2-15/16	1816B	DX194A	JUSN347	33-394	—
3	1817A	DX196A	JUSN348	33-396	—
3-1/8	1817	DX1100A	JUSN350	33-400	—
3-3/8	1818A	DX1108A	JUSN354	33-408	—
3-1/2	1818	DX1112A	JUSN356	33-412	—
3-3/4	1819B	DX1120A	JUSN360	33-420	—
3-7/8	1819	DX1124A	JUSN362	33-424	—
4-1/8	1820B	DX1132A	JUSN366	33-432	—
4-1/4	1820	DX1136A	JUSN368	33-436	—
4-1/2	1821B	DX1144A	JUSN372	33-444	—
4-5/8	1821	DX1148A	JUSN374	33-458	—

Machinist Wrench — 12 Pt. — Industrial Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
1/2	801	—	—	—	—
9/16	802A	—	—	—	—
5/8	803A	—	—	—	—
11/16	803	—	—	—	—
3/4	804A	—	—	—	—
7/8	805	—	—	—	—
15/16	806	—	—	—	—
1	806B	—	—	—	—
1-1/16	807	—	—	—	—
1-1/8	807A	—	—	—	—
1-1/4	808	—	—	—	—
1-1/2	809A	—	—	—	—

Offset Socket Wrench — Square Opening — Industrial Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
1/4	261J	—	—	—	—
5/16	262H	—	—	35-310	—
3/8	263H	—	—	35-312	—
7/16	265H	—	—	35-314	—
1/2	266H	—	—	35-316	—
9/16	267H	—	—	—	—
5/8	268H	—	—	35-320	—
3/4	269H	—	—	35-324	—
1-1/4	276H	—	—	—	—

Offset Socket Wrench — Hexagon Opening — Industrial Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
7/16	263D	—	—	—	—
1/2	264A	—	—	35-216	—
9/16	265D	—	—	35-218	—
5/8	266D	—	—	35-220	—
3/4	267D	—	—	35-224	—
7/8	269A	—	—	—	—
15/16	270S	—	—	35-230	—
1-1/16	271A	—	—	35-234	—
1-1/8	271D	—	—	35-236	—
1-1/4	273A	—	—	35-240	—
1-7/16	275A	—	—	—	—
1-1/2	275D	—	—	—	—
1-5/8	276A	—	—	—	—

Tee-Handle Socket Wrench — Square Opening — Industrial Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
3/16	961H	—	—	35-106	—
1/4	961J	—	—	35-108	—
5/16	962H	—	—	35-110	—
3/8	963H	—	—	35-112	—
7/16	965H	—	—	35-114	—
1/2	966H	—	—	35-116	—
9/16	967H	—	—	—	—
5/8	968H	—	—	—	—
3/4	969H	—	—	—	—
7/8	971H	—	—	—	—

Tee-Handle Socket Wrench — Square Opening — Industrial Black

Wrench Opening	Part Number				
	Martin	Snap-On	Proto	Armstrong	Gray
5/16	961A	—	—	35-010	—
3/8	962D	—	—	35-012	—
7/16	963D	—	—	35-014	—
1/2	964A	—	—	35-016	—
9/16	965D	—	—	35-018	—
5/8	966D	—	—	35-020	—

Terms & Conditions of Sale

These Terms and Conditions of Sale, along with Seller's Standard Limited Warranty; the contents of Seller's written acknowledgement, if any, to a purchase order or any other writing submitted by Purchaser to Seller; Seller's written proposal, if any, submitted by Seller to Purchaser; and the contents of any invoice submitted by Seller to Purchaser shall establish the commercial terms of the contract (the "Order") under which Martin Sprocket & Gear, Inc. ("Seller") agrees to sell parts and equipment ("Products") to the purchaser (the "Purchaser") and Purchaser agrees to purchase Products from Seller.

1. **AGREEMENT:** Notwithstanding any additional, differing, or conflicting terms in a purchase order or any other writing submitted by Purchaser to Seller, the terms of the Order shall constitute the entire agreement between Seller and Purchaser. Writings transmitted from Purchaser to Seller, such as a purchaser order, that contain additional, conflicting, or differing terms from the Order shall not apply or in any way modify or alter the terms and conditions of the Order. Furthermore, writings with terms and/or conditions different from, or in addition to, the terms and conditions appearing in the Order, including any additional or differing terms and conditions contained in any purchase order submitted by the Purchaser, are expressly rejected. Purchaser's submission to Seller of an offer to purchaser Products or Purchaser's acceptance of Seller's offer to sell Products, by whatever means, constitutes Purchaser's agreement that the Order contains the entire agreement between Purchaser and Seller. Purchaser's acceptance of the Order is expressly limited to the terms and conditions of the Order. Purchaser understands and acknowledges that the price Seller quoted for the Products is based upon Purchaser's acceptance of the terms and conditions of the Order and that the price for the Products would be different if other terms and conditions of sale were to apply.

2. **ACCEPTANCE:** If Seller is making an offer to sell Products, Purchaser may accept Seller's offer only on the terms and conditions set forth in the Order. If the Purchaser is making an offer to purchase Products from Seller, Seller's acceptance of Purchaser's offer is expressly conditioned on Purchaser's assent to the terms and conditions of the Order, and any commencement of performance by Purchaser shall be deemed to constitute such assent. Any additional and/or different terms and conditions proposed by Purchaser and/or any attempt by Purchaser to vary any of the terms and conditions of the Order shall be deemed a material alteration and is hereby objected to and rejected. Seller's shipment of any Products in response to a writing that attempts to vary any of the terms and conditions of the Order or Seller's acceptance of any payment by Purchaser shall not be deemed to constitute such assent to any additional and/or different terms and conditions proposed by Purchaser.

3. **RISK OF LOSS:** Unless a specific term of the Order provides otherwise, all shipments shall be shipped F.O.B. Seller's facility and risk of loss as to such Products shall pass and remain with Purchaser once Products depart Seller's facility.

4. **SPECIFICATIONS:** Seller shall furnish all stock Products as specified in the Order. Made-to-order Products shall be furnished in accordance with the specifications, details, requirements and/or drawings supplied by Purchaser, or prepared by Seller at Purchaser's direction. Any drawings, specifications, and calculations submitted by Seller to Purchaser shall be reviewed and approved by Purchaser. Seller warrants that all Products covered by the Order will conform to the specifications, drawings, samples or other descriptions furnished to Seller or adopted by the Purchaser. If it is determined that the Products delivered under the Order fail to meet the specifications, then Purchaser will contact Seller and Seller shall make corrections in accordance with Seller's Limited Warranty.

5. **LIMITED WARRANTY:** Seller's Standard Limited Warranty is attached hereto and incorporated herein for all purposes.

6. **PRICING, PACKAGING, DELIVERY AND PAYMENT:** All Products shall be sold on the terms, conditions and at the price quoted in the Order. All terms of pricing, packaging, shipment, delivery and payment are included in the Order.

7. **INSPECTION:** Purchaser shall have reasonable time after delivery to inspect the Products covered by the Order. Purchaser shall accept or reject the Products promptly after inspection. Payment by Purchaser prior to its inspection will not constitute acceptance of items covered by the Order.

8. **INDEMNIFICATION:**

   8.1 Seller agrees to indemnify and hold harmless the Purchaser, its successors and assigns against any and all liabilities, loss and expense (including attorney's fees) arising out of a third party product liability claim that results in a judicially determined, final, and non-appealable order finding that the Products were defective provided that no indemnification shall be provided for any loss (or any portion of any loss) determined to have resulted from the acts or omissions of the party seeking indemnification. Seller agrees to carry adequate product liability insurance to support this obligation and agrees to provide certificate(s) of insurance showing such coverage, as requested by Purchaser.

   8.2 Notwithstanding any of the other provisions in this Section 8., Seller's obligation to indemnify the Purchaser is limited to the extent of Seller's product liability insurance and the coverages and exclusions provided for thereunder. In the event Seller's product liability insurance will not cover any of the claims described in Section 8.1., then Seller shall have no obligation to indemnify Purchaser. Seller's obligation to pay any judgment, award, or settlement are likewise limited by the product liability insurance coverage amounts and policy limits provided for under Seller's liability insurance policies. Seller's obligation to indemnify Purchaser shall not apply to any Product which Purchaser (or Purchaser's employees, contractors, customers, or assigns) have altered, tampered with, misused or neglected, or for which Seller's operating instructions and warnings have been ignored or removed or to the extent of the negligence or legal fault of any party other than Seller. Indemnification provided herein is conditioned upon Purchaser providing Seller prompt notice of any claim and allowing Seller, or its insurance company, control over the defense and/or settlement of any such claim.

   8.3 Seller shall defend any suit or proceeding brought against Purchaser to the extent such suit or proceeding is based on a claim that any Product or part thereof (not developed, proposed or specifically mandated by Purchaser), constitutes an infringement of any patent. In the event that the sale or use of such Product, or any part thereof, is enjoined, Seller shall, at its own expense and its option, either: (a) procure for Purchaser, the right to continue using said Product; (b) replace same with a non-infringing Product; or (c) modify same so that it becomes non-infringing.

   8.4 The obligations of Seller with respect to indemnification for third party product liability claims and patent infringement are solely and exclusively as stated herein. THE INDEMNITY OBLIGATIONS RECITED ABOVE ARE IN LIEU OF ALL OTHER INDEMNITIES WHATSOEVER, WHETHER ORAL, WRITTEN, EXPRESS, OR IMPLIED.

9. **TERMINATION:**

   9.1 Termination for Convenience: Purchaser, by written notice, shall have the right to terminate the Order, in whole or in part, at any time for its convenience. Upon receipt of written notice, Seller and any subcontractors and suppliers shall immediately cease all work with respect to the Products. Within thirty (30) days of Seller's receipt of any termination notice, Seller shall submit its claim for its costs of performance to the date of termination. The termination charges shall consist of a percentage of the contract price of the Products reflecting the percentage of the work performed prior to the date of termination, plus any additional direct costs reasonably incurred as a result of the termination. Percentage of work performed and other charges must be verifiable by Purchaser. Upon payment of the termination charges, title to all Products for which Seller has been paid shall be vested in Purchaser.

   9.2 Termination for Default: The Purchaser may terminate the whole or any part of the Seller's performance under the Order in any one of the following circumstances: (1) if the Seller fails to make delivery of the Products or to perform within the time specified herein or any extension thereof; (2) if the Seller delivers Products which do not conform to the specifications; or (3) if the Seller fails to perform any of the other provisions of the Order in accordance with its terms or so fails to make progress as to endanger performance hereunder. In the event of any such failure, Purchaser will provide Seller with written notice of the nature of the failure and Purchaser's intention to terminate for default. Such notice shall provide Seller a commercially reasonable opportunity to cure such failure. In the event Seller does not cure such failure within a commercially reasonable time of such notice, Purchaser may provide Seller with a written Notice of Termination for Default. In the event the Purchaser terminates the Order for default, as provided in this clause, the Purchaser's exclusive remedy for such default is to (i) receive a refund of the price actually paid to Seller upon the return of the Products to Seller's facility from which the Products were originally shipped or (ii) accept the Product as delivered with a mutually agreed to adjustment to the price.

10. **CONFIDENTIAL INFORMATION:**

   10.1 In the performance of its obligations under the Order, Seller may have access to trade secrets and other confidential information, including but not limited to, drawings, data, costs, operating procedures, customers and methods of doing business, which may be owned or controlled by Purchaser and its affiliates ("Confidential Information"). If Seller does in fact have access to any of the Purchaser's Confidential Information in connection with the Order, Seller agrees that any such Confidential Information shall at all times remain the exclusive property of Purchaser and shall be used by Seller and its authorized employees, agents or subcontractors solely for the purpose of performing its obligations hereunder. Seller agrees to keep such Confidential Information in confidence and not to copy or permit others to copy the Confidential Information or disclose the same to unauthorized persons for a period of three (3) years, or for any trade secret for the period of time during which such item is considered a trade secret under applicable law.

   10.2 If Seller is required to disclose the Confidential Information pursuant to any legal proceeding, Seller shall notify Purchaser in writing and allow Purchaser to seek appropriate judicial relief.

   10.3 Notwithstanding the foregoing, nothing herein shall limit the Seller's right to disclose any information which: (1) was in or enters the public domain without fault of the Seller; (2) is received by Seller from a third party without restriction or breach of any duty of confidentiality; (3) was known to Seller prior to receipt and such prior knowledge is demonstrated by competent evidence; or (4) is required to be disclosed pursuant to government process, law, order, rule or regulation.

11. **FORCE MAJEURE:** Neither Purchaser nor Seller shall be deemed to have breached the Order as a result of delays in performance where such delays result from acts of God, fires, strikes, or occurrences, beyond the control, and without the fault, of the party seeking excuse. Any party seeking excuse under Section 11. shall promptly notify the other party in writing and take all reasonable steps to mitigate the effect of such delay on the other party. The time for performance by Seller shall be extended by a period equal to the length of any such excused delay. If any event of delay as identified in Section 11. is encountered by Seller and continues for more than ninety (90) days, the Purchaser shall have the right, but not the obligation, to terminate the Agreement for its Convenience in accordance with Section 9.1. entitled, "Termination For Convenience."

12. **COMPLIANCE WITH LAWS:** Seller certifies that its operations are in compliance with all applicable laws, executive orders, rules and regulations relating to Equal Employment Opportunity.

13. **INSURANCE:** Seller shall not insure the Product's for Purchaser's account, unless otherwise indicated in the Order.

14. **ASSIGNMENT:** The Order may not be assigned by either party without the written consent of the other party.

15. **GOVERNING LAW:** All disputes relating to the execution, interpretation, construction, performance, or enforcement of the Order and the rights and obligations of the parties shall be governed by the laws of, and resolved in the State or Federal courts in, the State of Texas. Purchaser hereby consents to and waives any objection to venue and jurisdiction in such courts.

16. **CUMULATIVE REMEDIES:** SELLER SHALL IN NO EVENT BE LIABLE TO PURCHASER, ANY PERSON WHO SHALL PURCHASE FROM PURCHASER, OR ANY PERSON THAT USES ANY PRODUCTS SOLD PURSUANT TO THE ORDER FOR DAMAGES OF ANY KIND, INCLUDING, BUT NOT LIMITED TO, DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES OR LOSS OF PRODUCTION OR LOSS OF PROFITS RESULTING FROM ANY CAUSE WHATSOEVER, INCLUDING, BUT NOT LIMITED TO, ANY DELAY, ACT, ERROR, OR OMISSION OF SELLER, OR ANY DEFECT, FAILURE, OR MALFUNCTION OF THE PRODUCTS, AND SELLER'S SOLE LIABILITY SHALL BE TO REPAIR OR REPLACE ANY PRODUCTS COVERED BY THE ORDER F.O.B. SELLER'S FACILITY, WHETHER THE CLAIM FOR SUCH DAMAGES IS BASED UPON WARRANTY, CONTRACT, NEGLIGENCE, OR OTHERWISE.

17. **SEVERABILITY:** The terms and conditions of the Order are subject to all applicable laws and regulations. The unenforceability or invalidity of any provision of any of the writings that collectively constitute the Order shall not affect the validity or enforceability of the remaining provisions thereof, but such remaining provisions shall be construed and interpreted in such a manner as to carry out fully the intent of the parties.

18. **DISPUTE RESOLUTION:** The parties agree to attempt to resolve disputes prior to submitting such disputes to determination by litigation by good-faith negotiations between knowledgeable, responsible representatives of each party who are fully authorized to settle any such dispute.

19. **WAIVER:** Seller's failure to insist on performance of any term, condition, or instruction, or failure to exercise any right or privilege, or its waiver of any breach, shall not thereafter waive any such term, condition, instruction, right, or privilege.

USA

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817-258-3000 (FAX 817-258-3333)

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704-982-9555 (FAX 704-982-9599)

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404-292-8744 (FAX 404-292-7771)

Burleson, TX
817-295-7151 (FAX 817-447-3840)

Danielsville, PA
610-837-1841 (FAX 610-837-7337)

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817-258-3000 (FAX 817-258-3173)

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419-485-5515 (FAX 419-485-3565)

Sacramento, CA
916-441-7172 (FAX 916-441-4600)

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Denver, CO
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